

## WEST Search History

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DATE: Wednesday, July 06, 2005

<u>Hide?</u>	<u>Set Name</u>	<u>Query</u>	<u>Hit Count</u>
<i>DB=USPT; PLUR=YES; OP=OR</i>			
<input type="checkbox"/>	L26	20000101	128
<input type="checkbox"/>	L25	single near10 use\$3 near10 lock\$5 near10 (data or file\$1 or object\$1) near10 (use\$1 or play\$4)	145
<input type="checkbox"/>	L24	single near10 use\$3 near10 lock\$5 near10 (data or file\$1 or object\$1) near10 (use\$1 or play\$4) with (video or movie\$1 or music\$1)	1
<input type="checkbox"/>	L23	single near10 use\$3 near10 (block\$4 or lock\$5) near10 (data or file\$1 or object\$1).near10 (use\$1 or play\$4) with (video or movie\$1 or music\$1)	14
<input type="checkbox"/>	L22	single near10 use\$3 near10 (block\$4 or lock\$5) near10 (data or file\$1 or object\$1) near10 (use\$1 or play\$4)	782
<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR</i>			
<input type="checkbox"/>	L21	L14 and lock\$4 adj file\$1 and video	3
<input type="checkbox"/>	L20	L14 and lock\$4 adj file\$1 with "in use"	0
<input type="checkbox"/>	L19	6898706.pn. and lock\$4	1
<input type="checkbox"/>	L18	L17	8
<input type="checkbox"/>	L17	lock near4 file\$4 with video	8
<input type="checkbox"/>	L16	L15	5
<input type="checkbox"/>	L15	l14 and single near10 user	5
<input type="checkbox"/>	L14	20000101	180
<input type="checkbox"/>	L13	object with lock\$2 with video	238
<input type="checkbox"/>	L12	object with lock\$5 with video	312
<input type="checkbox"/>	L11	l9 and "not available"	0
<input type="checkbox"/>	L10	l9 and lock\$4	0
<input type="checkbox"/>	L9	L8 and video near10 monitor\$4	25
<input type="checkbox"/>	L8	single near10 viewer near10 video near10 program	56
<input type="checkbox"/>	L7	single near10 viewer	2680
<input type="checkbox"/>	L6	l1 and single near5 viewer near6 video	0
<input type="checkbox"/>	L5	single\$1view with video adj program with source	0
<input type="checkbox"/>	L4	l2 and single adj viewer	0
<input type="checkbox"/>	L3	l2 and single adj viewer	0
<input type="checkbox"/>	L2	L1 and video adj selection	3
<input type="checkbox"/>	L1	fenwick.in.	495

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DATE: Wednesday, July 06, 2005

<u>Hide?</u>	<u>Set Name</u>	<u>Query</u>	<u>Hit Count</u>
<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR</i>			
<input type="checkbox"/>	L10	L7 and digital adj object\$1	2
<input type="checkbox"/>	L9	L7 and access\$4 adj device\$1	47
<input type="checkbox"/>	L8	L7 and copy adj right\$1	0
<input type="checkbox"/>	L7	meyers.in.	35334
<input type="checkbox"/>	L6	accessible near10 "in use" near10 (file\$1 or object\$1) with (copy\$1right or copy near3 protection)	0
<input type="checkbox"/>	L5	lock\$4 near10 (file\$1 or object\$1) with (copy\$1right or copy near3 protection)	3
<input type="checkbox"/>	L4	lock\$4 near10 (file\$1 or object\$1) and (copy\$1right or copy near3 protection)	1936
<input type="checkbox"/>	L3	lock\$4 adj out adj file\$1 and (copy\$1right or protection with object\$1)	0
<input type="checkbox"/>	L2	lock\$4 adj out adj file\$1 and (copy\$1right or protection with file\$1 or video or movie or music)	9
<input type="checkbox"/>	L1	lock\$4 adj out adj file\$1 and (copy\$1right or protection with file\$1 or data or video or movie or music)	14

END OF SEARCH HISTORY

File 9:Business & Industry(R) Jul/1994-2005/Jun 21  
(c) 2005 The Gale Group  
File 16:Gale Group PROMT(R) 1990-2005/Jun 22  
(c) 2005 The Gale Group  
File 47:Gale Group Magazine DB(TM) 1959-2005/Jun 22  
(c) 2005 The Gale group  
File 148:Gale Group Trade & Industry DB 1976-2005/Jun 22  
(c) 2005 The Gale Group  
File 160:Gale Group PROMT(R) 1972-1989  
(c) 1999 The Gale Group  
File 275:Gale Group Computer DB(TM) 1983-2005/Jun 23  
(c) 2005 The Gale Group  
File 570:Gale Group MARS(R) 1984-2005/Jun 22  
(c) 2005 The Gale Group  
File 621:Gale Group New Prod.Annou.(R) 1985-2005/Jun 22  
(c) 2005 The Gale Group  
File 636:Gale Group Newsletter DB(TM) 1987-2005/Jun 23  
(c) 2005 The Gale Group  
File 649:Gale Group Newswire ASAP(TM) 2005/Jun 13  
(c) 2005 The Gale Group

Set	Items	Description
S1	4811544	USER? ?
S2	3081520	PLAYER? ? OR READER? ? OR LISTENER? ? OR VIEWER? ?
S3	134196	(ONE OR STAG OR SOLO OR SINGLE OR SOLE OR SOLITARY OR SINGULAR OR LONE OR UNARY OR MONAD? OR MONISTIC? OR UNITARY) (1W) S-1:S2
S4	4209	S1:S2(1N)ALONE
S5	832985	UNACCESSIB? OR NONACCESSIB? OR INACCESSIB? OR 'NOT' (1W) (ACCESS? OR AVAIL?) OR LOCK OR LOCKS OR LOCKED OR LOCKING
S6	138421	UNAVAIL? OR NONAVAIL? OR INAVAIL?
S7	1642387	(WHILE OR DURING OR BEING OR 'IN' OR WHEN) (2W) (USE OR USED OR USAGE? ? OR USING OR PLAYING OR PLAYED OR PLAYS OR PLAY)
S8	5851678	OBJECT? ? OR VIDEOFILE? OR AUDIOFILE? OR CONTENT? ? OR ECONTENT? ? OR MOVIE? OR EBOOK? ? OR BOOK? ? OR CYBERMEDIA?
S9	4794561	MULTIMEDIA? OR POLYMEDIA? OR MEDIA OR MEDIAS OR EMEDIA? ? - OR SOUNDFILE? OR IMAGEFILE? OR MEDIAFILE? OR SONGFILE? OR AVFILE?
S10	1372900	AVIFILE? OR MUSICFILE? OR MIXEDMEDIA? OR AV OR AUDIOVISUAL? OR AUDIOVIDEO? OR TUNE OR TUNES OR VIDEOIMAGE? OR JOURNAL?
S11	4155917	EJOURNAL? OR GAME? ? OR VIDEOGAME? OR PERIODICAL? ? OR EPERIODICAL? OR MUSICVIDEO? OR SONG? ? OR VIDEO? ? OR COMPUTERGAME?
S12	2731070	MUSIC? OR (MPG OR MPEG OR MP3 OR AVI OR DIGITAL OR AUDIO OR SOUND) ()FILE? ? OR MOTIONPICTURE? OR MOTION()PICTURE? ? OR FILM? ?
S13	4341196	TEXTFILE? OR DOCUMENT? ? OR FILE OR FILES OR DATAFILE? OR - IMAGEFILE? OR IMAGE? ?
S14	3071395	REGISTR? OR REGISTER?
S15	2937	S5:S6(5N)S7
S16	18273	S5:S6(3N)S8:S12
S17	13248	S5:S6(3N)S13
S18	158	S15(10N)S16:S17
S19	9	S18(S)S3:S4
S20	19	S15(S)S3:S4
S21	311	S15(S)S8:S12
S22	207	S15(15N)S8:S12
S23	57	S3:S4(S)S16
S24	6	S21(S)S14
S25	52	S15(10N)S16
S26	286	S19:S20 OR S22:S25

S27 94 S26/2001:2005  
S28 192 S26 NOT S27  
S29 129 RD (unique items)

29/3,K/17 (Item 7 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2005 The Gale Group. All rts. reserv.

06823713 Supplier Number: 57761459 (USE FORMAT 7 FOR FULLTEXT)  
**PowerTier exerts its midtier might: Easy-to-use tools, fast execution**  
**benefit your e-business. (Persistence Software's PowerTier for Enterprise**  
**JavaBeans 5.12) (Evaluation)**  
Fielden, Tim  
InfoWorld, v21, n47, p64  
Nov 22, 1999  
Language: English Record Type: Fulltext Abstract  
Article Type: Evaluation  
Document Type: Magazine/Journal; Trade  
Word Count: 1107

**ABSTRACT:**

...the support of electronic commerce applications. Named mainly for its capability of keeping frequently used **objects** in memory, as well as its opportunistic **locking** capabilities on **in - use objects**, PowerTier is capable of serving **objects** at memory speed instead of disk speed.

Although more expensive, at a cost of \$10...

... Server at www.infoworld.com/printlinks.)

Named mainly for its capability of keeping frequently used **objects** in memory, as well as its opportunistic **locking** capabilities on **in - use objects**, PowerTier is capable of serving **objects** at memory speed instead of disk speed.

PowerTier is considerably more expensive than rival application...

29/3,K/19 (Item 9 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2005 The Gale Group. All rts. reserv.

06636713 Supplier Number: 55756662 (USE FORMAT 7 FOR FULLTEXT)  
**From the trenches. (web authoring software) (Buyers Guide)**  
Gunnerson, Gary  
PC Week, p61  
Sept 13, 1999  
Language: English Record Type: Fulltext  
Article Type: Buyers Guide  
Document Type: Magazine/Journal; Tabloid; General Trade  
Word Count: 568

(USE FORMAT 7 FOR FULLTEXT)

**TEXT:**

...a simple problem. All you need is a way to separate Web page design from **content**; the ability to **lock** files **during use**; and simple workflow tools for creating assignments, approving pages and publishing your Web site. As...

29/3,K/22 (Item 12 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2005 The Gale Group. All rts. reserv.

05902171 Supplier Number: 53115593 (USE FORMAT 7 FOR FULLTEXT)  
UltraBac offers easy, reliable backups on a budget. (BEI's UltraBac 5.0  
disaster recovery software) (Software Review) (Evaluation)

Avery, Mike  
InfoWorld, p46D(1)  
Oct 19, 1998  
Language: English Record Type: Fulltext  
Article Type: Evaluation  
Document Type: Magazine/Journal; Trade  
Word Count: 679

... wasn't all sunshine and roses, however. During one backup, when I requested the storage media information, UltraBac quickly responded that the media was in use and unavailable. Immediately afterward, I received a message from Windows' venerable system-debugging tool, called Dr. Watson...

29/3,K/35 (Item 25 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2005 The Gale Group. All rts. reserv.

01271126 Supplier Number: 41481151 (USE FORMAT 7 FOR FULLTEXT)  
GROUPWARE DEBUTS  
Macintosh News, p69  
August 6, 1990  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 195

... by AppleTalk or modems. Aspects mediates between the users displaying changes in real time and locking one object to one user for editing.

Users request access to an Aspects session and, if a seat is available, join and do their word processing or graphics work as they would in a single - user program. However, when another user edits a paragraph in the word processor or an object...

...anchor box on that object. Aspects returns the name of the user working on a locked object when the mark is clicked on.

The reason Group developed its own applications in Aspects...  
? t29/3,k/47,49-51,53,64,78

29/3,K/47 (Item 11 from file: 47)  
DIALOG(R)File 47:Gale Group Magazine DB(TM)  
(c) 2005 The Gale group. All rts. reserv.

03864304 SUPPLIER NUMBER: 13419462 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Poet performs on new platforms: 2.0 gains NetWare support; NT on tap. (BKS Software Inc.'s Poet object-oriented database) (Brief Article) (Product Announcement)

Moser, Karen D.  
PC Week, v10, n6, p73(1)  
Feb 15, 1993

DOCUMENT TYPE: Product Announcement ISSN: 0740-1604 LANGUAGE:  
ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 355 LINE COUNT: 00029

...ABSTRACT: Operations, NeXT Computer and SunSoft. Enhancements to Poet include better transaction support, event handling and object locking.

**Object locking** enables programmers to close out an object to other users on the network while it...

...used without completely closing them out of the database. Poet 2.0 comes in a **single - user** and multiuser configurations. Poet offers source-code and binary level compatibility across all of its...

**29/3,K/49 (Item 13 from file: 47)**  
DIALOG(R)File 47:Gale Group Magazine DB(TM)  
(c) 2005 The Gale group. All rts. reserv.

03321989 SUPPLIER NUMBER: 07591832 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Paradox 3.0. (Software Review) (one of six local area network-based data base management systems evaluations) (evaluation)**  
Miller, Catherine D.  
PC Magazine, v8, n16, p139(3)  
Sept 26, 1989  
DOCUMENT TYPE: evaluation ISSN: 0888-8507 LANGUAGE: ENGLISH  
RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 1919 LINE COUNT: 00151

... forms, respectively.  
Paradox automatically (implicitly) locks reports, forms, tables, records, and files when they are **being used** by a workstation. Implicit **locks** don't restrict the access of the person using the **object** --only the access of other network users. Whenever you perform a database operation, Paradox chooses...

**29/3,K/50 (Item 14 from file: 47)**  
DIALOG(R)File 47:Gale Group Magazine DB(TM)  
(c) 2005 The Gale group. All rts. reserv.

03306375 SUPPLIER NUMBER: 07591824 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**dBXL/LAN. (Software Review) (one of six local area network-based data base management systems evaluations) (evaluation)**  
Campbell, Greg  
PC Magazine, v8, n16, p134(5)  
Sept 26, 1989  
DOCUMENT TYPE: evaluation ISSN: 0888-8507 LANGUAGE: ENGLISH  
RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 5114 LINE COUNT: 00396

... ns, respectively.  
Paradox automatically (implicitly) locks reports, forms, tables, records, and files when they are **being used** by a workstation. Implicit **locks** don't restrict the access of the person using the **object** --only die access of other network users. Whenever you perform a database operation, Paradox chooses...

**29/3,K/51 (Item 15 from file: 47)**  
DIALOG(R)File 47:Gale Group Magazine DB(TM)  
(c) 2005 The Gale group. All rts. reserv.

03227836 SUPPLIER NUMBER: 07118984 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Networks for the '90s: getting down to business. (with related editorial on improving LAN Servers three network schemes.)**

Bonner, Paul  
PC-Computing, v2, n4, p60(8)  
April, 1989  
ISSN: 0899-1847 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 4435 LINE COUNT: 00348

... Even better than record locking, field locking schemes restrict access only to the particular field being used. With field locking , if one user was updating Mrs. Smith's address, other users could simultaneously work with other fields in...

29/3,K/53 (Item 17 from file: 47)  
DIALOG(R)File 47:Gale Group Magazine DB(TM)  
(c) 2005 The Gale group. All rts. reserv.

02672122 SUPPLIER NUMBER: 00594883 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**The Novell Solution.**  
Cowart, R.; Rosenthal, S.  
PC Magazine, v4, n3, p131  
Feb. 5, 1985  
DOCUMENT TYPE: evaluation ISSN: 0888-8507 LANGUAGE: ENGLISH  
RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 2477 LINE COUNT: 00194

... the status of "nonshareable read/write" by default. This means that only one program and one user can have the file open at a time and read from or write to that...

...data collision on the disk by warning the second user that the file is already in use (the implicit file - locking procedure). Compatible with Other Software?

The issue of which popular applications programs will run properly

...

29/3,K/64 (Item 9 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c) 2005 The Gale Group. All rts. reserv.

08001851 SUPPLIER NUMBER: 17240474 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Document management software: making order out of chaos. (PC Docs' Docs Open for Windows 2.5, SoftSolutions Technology's SoftSolutions 4.0a for Windows and Saros' Saros Document Manager 1.5) (includes related articles on test results, test methods and a glossary of terms) (Software Review) (Evaluation)**  
Marshall, Patrick; Murdock, Michelle; Sercan, Ayse  
InfoWorld, v17, n28, p56(10)  
July 10, 1995  
DOCUMENT TYPE: Evaluation ISSN: 0199-6649 LANGUAGE: English  
RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 13116 LINE COUNT: 01097

... store documents.

Document-tracking terms

Document checkout -- Checking out a document, like checking out a book from a library, means that the file will be marked as in use , usually making it inaccessible to other users. Checkout is used to maintain version control.

Document history tracking -- Also called...

**29/3,K/78 (Item 23 from file: 148)**  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
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04775996 SUPPLIER NUMBER: 08686590 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Group encounters on Mac screen. (Aspects 1.0 from Group Technologies Inc.**  
**allows document conferencing) (product announcement)**  
Norr, Henry  
MacWEEK, v4, n26, p1(2)  
July 31, 1990  
DOCUMENT TYPE: product announcement ISSN: 0892-8118 LANGUAGE:  
ENGLISH RECORD TYPE: FULLTEXT  
WORD COUNT: 369 LINE COUNT: 00028

... as well as PICT-format files.  
An object- and paragraph-locking mechanism ensures that only **one**  
**user** at a time can modify the same part of a document at the same time...  
? t29/3,k/81-83,96,99,102,105,109-110,112-113,116

**29/3,K/81 (Item 26 from file: 148)**  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
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03931285 SUPPLIER NUMBER: 07277696 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Databases: share and share alike. (sharing access)**  
Rosenthal, Steve  
MacWEEK, v3, n20, p32(2)  
May 16, 1989  
ISSN: 0892-8118 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 1298 LINE COUNT: 00100

... users. Instead, users are prevented from changing any part of a  
file that is currently **in use** ("file locking") or from changing a  
particular record that is **in use** ("record locking"). In most systems,  
even when a lock is in effect other users can continue to...

**29/3,K/82 (Item 27 from file: 148)**  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
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03913487 SUPPLIER NUMBER: 07529303 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**The AppleCD SC CD-ROM drive. (evaluation)**  
Nordgren, Layne; Kendall, Nancy  
CD-ROM Librarian, v4, n4, p20(8)  
April, 1989  
DOCUMENT TYPE: evaluation ISSN: 0893-9934 LANGUAGE: ENGLISH  
RECORD TYPE: FULLTEXT  
WORD COUNT: 5797 LINE COUNT: 00457

... When more than one user attempted to access the same application,  
we encountered the message "File locked or in use." According to  
Apple technical support, multi-user support is possible only if  
applications are designed...

**29/3,K/83 (Item 28 from file: 148)**  
DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2005 The Gale Group. All rts. reserv.

03724221      SUPPLIER NUMBER: 06753460      (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Update on the PC revolution. (personal computer-based CAD-CAM)**  
Rouse, Nancy E.  
Machine Design, v60, n25, p124(5)  
Oct 20, 1988  
ISSN: 0024-9114      LANGUAGE: ENGLISH      RECORD TYPE: FULLTEXT  
WORD COUNT: 3332      LINE COUNT: 00262

... by providing a file lock on drawings already in use. This feature prevent more than **one** authorized **user** from gaining simultaneous access to a drawing. Although Netware can limit access of files to...

**29/3,K/96 (Item 7 from file: 275)**  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
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02101622      SUPPLIER NUMBER: 19759294      (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Nexpo '97, part II: editorial and advertising systems, other products.**  
**(Industry Trend or Event)**  
Tribute, Andrew; Edwards, Stephen; Drennan, Bill  
Seybold Report on Publishing Systems, v26, p7(25)  
August 18, 1997  
ISSN: 0736-7260      LANGUAGE: English      RECORD TYPE: Fulltext  
WORD COUNT: 21657      LINE COUNT: 01677

... this works is that each object on a page is linked to the database. When **one** **user** accesses the page by selecting an object on the page, that **object** is **locked** to other users, but other ones remain available. PageInTools also supports a messaging facility under...

**29/3,K/99 (Item 10 from file: 275)**  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
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01944266      SUPPLIER NUMBER: 18315430      (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Object-oriented and object-relational DBMSs. (1996 Database Buyer's Guide and Client/Server Sourcebook) (Buyers Guide)**  
DBMS, v9, n6, p76(2)  
June 15, 1996  
DOCUMENT TYPE: Buyers Guide      ISSN: 1041-5173      LANGUAGE: English  
RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 2260      LINE COUNT: 00200

... a programmable interface to support complex report generation. Can handle requests from multiple clients and **lock objects** such as records or fields to prevent other clients from accessing data being updated by another user. Compatible with AppleTalk networks. **Single - user** version: \$450; network version: \$2600. Reader service #631.

IDB Object Database 2.5 Persistent Data...write translation code of objects into tables. Database features include object querying, sorting, indexing, transactions, **object locking**, class versioning, container classes, and variable-length string and BLOB types, as well as full...

...95, Windows NT, Unix, Macintosh, OS/2, and Novell. Consulting, training, and technical support available. **Single - user** SDK from \$499. Call for client/server pricing and services. <http://www.poet.com>. Reader...

**29/3,K/102 (Item 13 from file: 275)**  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
(c) 2005 The Gale Group. All rts. reserv.

01885026 SUPPLIER NUMBER: 17573603 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Enhance your Sybase SQL Server application..(CAST Software Inc's CAST**  
**Workbench DBMS) (Software Review) (Evaluation)**  
Aquino, Alexander A.  
Data Based Advisor, v13, n8, p20(2)  
Sep, 1995  
DOCUMENT TYPE: Evaluation ISSN: 0740-5200 LANGUAGE: English  
RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 1424 LINE COUNT: 00112

... depends. CW-Metamodel enables **object locking**, letting only **one user** update an object at any one time, while letting multiple users view the object. Using...

**29/3,K/105 (Item 16 from file: 275)**  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
(c) 2005 The Gale Group. All rts. reserv.

01804826 SUPPLIER NUMBER: 17155738 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Object-oriented DBMSs. (1995 Database Buyer's Guide and client/server**  
**sourcebook) (Buyers Guide)**  
DBMS, v8, n6, p70(2)  
May 15, 1995  
DOCUMENT TYPE: Buyers Guide ISSN: 1041-5173 LANGUAGE: English  
RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 1728 LINE COUNT: 00156

... a programmable interface to support complex report generation. Can handle requests from multiple clients and **lock objects** such as records or fields to prevent other clients from accessing data being updated by another user. Compatible with AppleTalk networks. **Single - user** version: \$450; network version: \$2000. Reader service #549.

IDB Object Database 2.5  
Persistent Data...write translation code of objects into tables.  
Database features include object querying, sorting, indexing, transactions, **object locking**, class versioning, container classes, and variable-length string and BLOB types. New features include support...

...Workgroups, Windows NT, Novell, OS/2, NextStep, Sun OS, Solaris, SGI, HP, AIX, and SCO. **Single - user** version: \$299. Reader service #556.  
Raima Object Manager  
Raima Corp., Issaquah, WA  
206-557-0200...

**29/3,K/109 (Item 20 from file: 275)**  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
(c) 2005 The Gale Group. All rts. reserv.

01693123 SUPPLIER NUMBER: 15359514 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Access account. (Raxco Software Inc's Autostor disk/file management**  
**software) (Software Review) (includes related article evaluating the**  
**product) (Evaluation)**

Milton, Richard  
DEC User, p39(2)  
March, 1994

DOCUMENT TYPE: Evaluation ISSN: 0263-6530 LANGUAGE: ENGLISH  
RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 1663 LINE COUNT: 00120

... unshelving mode to respond in a number of different ways, depending on whether files are in use or locked. If you set the system to Wait mode, the contents of the file must be unshelved and the file reconstituted on disk before you can...

**29/3,K/110 (Item 21 from file: 275)**  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
(c) 2005 The Gale Group. All rts. reserv.

01688544 SUPPLIER NUMBER: 15356054 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Object-oriented DBMSs. (1994 Database Buyer's Guide and Client/Server Sourcebook) (Buyers Guide)**  
DBMS, v7, n6, p60(2)  
June 15, 1994  
DOCUMENT TYPE: Buyers Guide ISSN: 1041-5173 LANGUAGE: ENGLISH  
RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 2268 LINE COUNT: 00201

... a programmable interface to support complex report generation. Can handle requests from multiple clients to lock objects such as recorder or fields to prevent other clients from accessing data being updated by another user. Compatibility with AppleTalk networks. Single - user version: \$450. Network version: \$2000.

IDB Object Database Persistent Data Systems Inc., Pittsburgh, PA. 412 ...write translation code of objects into tables. Database features include object querying, sorting, indexing, transactions, object locking, class versioning, containing, classes, and variable-length string and BLOB types. Source level portable. Supports...

...Windows NT, Novell, OS/2, NeXT, Solaris 2x and 1x, SGI, HP, AIX, and SCO. Single - user version: \$99. Client/server version: \$1995.  
Raima Object Manager Raima Corp., Issaquah, WA 206-557...

**29/3,K/112 (Item 23 from file: 275)**  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
(c) 2005 The Gale Group. All rts. reserv.

01611854 SUPPLIER NUMBER: 13901759 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Object-oriented DBMSs. (database management systems) (1993 Database Buyer's Guide Special Issue) (Buyers Guide)**  
DBMS, v6, n7, p59(2)  
June 15, 1993  
DOCUMENT TYPE: Buyers Guide ISSN: 1041-5173 LANGUAGE: ENGLISH  
RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 2471 LINE COUNT: 00218

... programmable interface to support complex report generation. HyBase can handle requests from multiple clients and lock objects such as records or fields to prevent other clients from accessing data being updated by another user. Compatible with AppleTalk networks. Single - user version: \$450. Network version: \$2,000.

IDB Object Database Persistent Data Systems Inc., Pittsburgh, PA... oriented, so code is reusable, maintainable, and extendible. The client/server version of POET includes **object locking**, nested transactions, and event-handling features. Event handling, for example, includes watch and notify facilities...

...application. Supports DOS, Windows, Macintosh, OS/2, Novell, LAN Server, Windows NT, UNIX, and Next. **Single - user** version: \$599. Client/server version: \$2,700.

Raima Object Manager Raima Corp., Issaquah, WA 206...

29/3,K/113 (Item 24 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
(c) 2005 The Gale Group. All rts. reserv.

01600961 SUPPLIER NUMBER: 13914537 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Putting object databases to work. (object-oriented database management systems)**  
Timo, Michael  
UNIX Review, v11, n7, p73(4)  
July, 1993  
ISSN: 0742-3136 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 2276 LINE COUNT: 00187

... to this scheme include increased memory in the database server process and the need to **lock** referenced **objects** to some depth. In a database in which every object is referencable from all other objects, the entire database could be locked for a **single user**.

A simpler approach that still achieves the same end is an optimistic scheme that assumes...

29/3,K/116 (Item 27 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
(c) 2005 The Gale Group. All rts. reserv.

01536003 SUPPLIER NUMBER: 12647899 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Group editing made easy: a hands-on look at Aspects. (Software Review)**  
(Group Technologies' \$299 Aspects is an effective tool for collaborative writing and editing on networked Macintosh computers, but the limits of its word processing and graphics modules do not recommend its use for final copies)  
Dyson, Peter E.  
Seybold Report on Desktop Publishing, v7, n1, p9(5)  
Sept 4, 1992  
ISSN: 0889-9762 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
WORD COUNT: 3657 LINE COUNT: 00280

... although not in the same place. The system provides paragraph locking for text documents and **object locking** for drawings. That is, only **one user** can activate his editing cursor in a paragraph at a time.  
? t29/3,k/117-118,123

29/3,K/117 (Item 28 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
(c) 2005 The Gale Group. All rts. reserv.

01511081 SUPPLIER NUMBER: 11743316 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**IRIS hypermedia services. (Brown University's Institute for Research in**

**Information and Scholarship develops hypermedia graphical user interface)  
(Technical)**

Haan, Bernard J.; Kahn, Paul; Riley, Victor A.; Coombs, James H.;  
Meyrowitz, Norman K.

Communications of the ACM, v35, n1, p36(16)

Jan, 1992

DOCUMENT TYPE: Technical ISSN: 0001-0782 LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 8931 LINE COUNT: 00723

... Anchors, and Links

Intermedia supports multiple users reading and annotating a single document, and only **one user** writing to a document at a time. While each user can have only a single...

...and view the same documents, anchors, and links. The first user to edit the document **content locks** out all other users from editing the content until the document is closed.

By annotation...

**29/3,K/118 (Item 29 from file: 275)**  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
(c) 2005 The Gale Group. All rts. reserv.

01484696 SUPPLIER NUMBER: 12143602

**The DB2 dilemma: managing locking contention. (includes related article on  
DB2 locking basics, DB2 latches) (Cover Story)**

Celko, Joe

Database Programming & Design, v5, n5, p26(9)

May, 1992

DOCUMENT TYPE: Cover Story ISSN: 0895-4518 LANGUAGE: ENGLISH  
RECORD TYPE: ABSTRACT

...ABSTRACT: and through manipulation of the the NUMLKTS parameter, which specifies how many page locks a **single user** or program can hold on a single table; the parameter depends on how the DB2 subsystem will be used. IRLM issues, **object** creation, row-level **locking**, index subpages, clustering index and other locking concepts are discussed.

**29/3,K/123 (Item 34 from file: 275)**  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
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01149441 SUPPLIER NUMBER: 00623666

**Multi-User Database Managers.**

Laurie, P.

Practical Computing, v8, n4, p92-94

April, 1985

ISSN: 0141-5433 LANGUAGE: ENGLISH RECORD TYPE: ABSTRACT

...ABSTRACT: the data base manager. The problems of the multiuser data base involve: record contention, or **locking** of fields **being used** by user A, so that user B cannot alter them; disk buffering with LANS; the inability of **single - user** operating systems to deal with multiuser stresses; and the deadly embrace, when users need to...

File 347:JAPIO Nov 1976-2005/Feb(Updated 050606)

(c) 2005 JPO & JAPIO

File 350:Derwent WPIX 1963-2005/UD,UM &UP=200539

(c) 2005 Thomson Derwent

Set	Items	Description
S1	559321	USER? ?
S2	252525	PLAYER? ? OR READER? ? OR LISTENER? ? OR VIEWER? ?
S3	4514	(ONE OR STAG OR SOLO OR SINGLE OR SOLE OR SOLITARY OR SINGULAR OR LONE OR UNARY OR MONAD? OR MONISTIC? OR UNITARY) (1W) S-1:S2
S4	95	S1:S2(1N)ALONE
S5	520550	UNACCESSIB? OR NONACCESSIB? OR INACCESSIB? OR 'NOT' (1W) (ACCESS? OR AVAIL?) OR LOCK OR LOCKS OR LOCKED OR LOCKING
S6	2831	UNAVAIL? OR NONAVAIL? OR INAVAIL?
S7	450592	(WHILE OR DURING OR BEING OR 'IN' OR WHEN) (2W) (USE OR USED OR USAGE? ? OR USING OR PLAYING OR PLAYED OR PLAYS OR PLAY)
S8	1270054	OBJECT? ? OR VIDEOFILE? OR AUDIOFILE? OR CONTENT? ? OR ECONTENT? ? OR MOVIE? OR EBOOK? ? OR BOOK? ? OR CYBERMEDIA?
S9	132067	MULTIMEDIA? OR POLYMEDIA? OR MEDIA OR MEDIAS OR EMEDIA? ? - OR SOUNDFILE? OR IMAGEFILE? OR MEDIAFILE? OR SONGFILE? OR AVFILE?
S10	83732	AVIFILE? OR MUSICFILE? OR MIXEDMEDIA? OR AV OR AUDIOVISUAL? OR AUDIOVIDEO? OR TUNE OR TUNES OR VIDEOIMAGE? OR JOURNAL?
S11	616696	EJOURNAL? OR GAME? ? OR VIDEOGAME? OR PERIODICAL? ? OR EPERIODICAL? OR MUSICVIDEO? OR SONG? ? OR VIDEO? ? OR COMPUTERGAME?
S12	1509932	MUSIC? OR (MPG OR MPEG OR MP3 OR AVI OR DIGITAL OR AUDIO OR SOUND) ()FILE? ? OR MOTIONPICTURE? OR MOTION()PICTURE? ? OR FILM? ?
S13	1447035	TEXTFILE? OR DOCUMENT? ? OR FILE OR FILES OR DATAFILE? OR - IMAGEFILE? OR IMAGE? ?
S14	356761	REGISTR? OR REGISTER?
S15	2811	S5:S6(5N)S7
S16	4003	S5:S6(3N)S8:S12
S17	1119	S5:S6(3N)S13
S18	49	S15 AND S16:S17
S19	0	S15 AND S3:S4
S20	43	S15(5N)S8:S12
S21	3	S3:S4 AND S16
S22	2	S3:S4 AND S17
S23	69	S18:S22
S24	25	S23 AND AC=US/PR
S25	19	S24 AND AY=(1976:2000)/PR
S26	52	S23 AND PY=1976:2000
S27	57	S25:S26
S28	57	IDPAT (sorted in duplicate/non-duplicate order)
S29	57	IDPAT (primary/non-duplicate records only)

29/9/10 (Item 10 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2005 Thomson Derwent. All rts. reserv.

013010088 \*\*Image available\*\*

WPI Acc No: 2000-181940/ 200016

XRPX Acc No: N00-134305

Locking data objects mechanism for common tool access in application development environment involves guarding against concurrent user processes danger making overlapping modifications leaving data incomplete or incomprehensible

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC )

Inventor: BREALEY C L; JOHNSTON J G; KLICNIK V; LAUZON D M; LOI L T;

SEELEMANN D A

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6026401	A	20000215	US 97950116	A	19971014	200016 B

Priority Applications (No Type Date): US 97950116 A 19971014

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 6026401	A	17	G06F-017/30	

Abstract (Basic): US 6026401 A

NOVELTY - Provides locking device to guard against concurrent user processes danger making overlapping modifications leaving data incomplete or incomprehensible by maintaining **lock objects** in pool or repository. Two types of **lock objects** are given, shareable locks , shared by many user processes allowing only read access to locked data, and exclusive locks useable by one user process at a time and modifiable.

USE - For locking tool data objects in a framework environment

ADVANTAGE - Provides two types of **lock objects** , shareable locks , permitting only read access to the locked data and exclusive locks permitting the owning process to modify the locked data.

DESCRIPTION OF DRAWING(S) - The drawing shows a schematic drawing of the locking mechanism.

pp; 17 DwgNo 10/12

Title Terms: LOCK; DATA; OBJECT; MECHANISM; COMMON; TOOL; ACCESS; APPLY; DEVELOP; ENVIRONMENT; GUARD; CONCURRENT; USER; PROCESS; DANGER; OVERLAP; MODIFIED; LEAVE; DATA; INCOMPLETE

Derwent Class: T01

International Patent Class (Main): G06F-017/30

File Segment: EPI

Manual Codes (EPI/S-X): T01-F07; T01-H01C4; T01-J20B1

29/9/13 (Item 13 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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012276053 \*\*Image available\*\*

WPI Acc No: 1999-082159/ 199908

XRPX Acc No: N99-076885

Data locking mechanism for common tools in application development - has lock objects stored in repository with indicator specifying whether they are shared or exclusive to one owning process

Patent Assignee: IBM CANADA LTD (IBMC ); INT BUSINESS MACHINES CORP (IBMC )

Inventor: BREALEY C L; JOHNSTON J G; KLICNIK V; LAUZON D M; LOI L T; SEELEMANN D A

Number of Countries: 004 Number of Patents: 005

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
CN 1195144	A	19981007	CN 98107155	A	19980305	199908 B
CA 2201275	A	19980927	CA 2201275	A	19970327	199910
TW 346604	A	19981201	TW 97113830	A	19970923	199919
KR 98079611	A	19981125	KR 98914	A	19980114	200004
KR 313844	B	20011212	KR 98914	A	19980114	200247

Priority Applications (No Type Date): CA 2201275 A 19970327

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
CN 1195144	A		1	G06F-017/30	
CA 2201275	A		333	G06F-009/44	
TW 346604	A			G06F-009/06	
KR 98079611	A			G06F-017/40	
KR 313844	B			G06F-017/40	Previous Publ. patent KR 98079611

Abstract (Basic): CA 2201275 A

The mechanism includes a repository containing **lock objects**, each **lock object** has an indicator to designate its state as occupied or free. This indicator is a reserve process identifier that flags the owning process.

Two types of **lock objects** are provided; shareable **locks** that may be shared by many user processes and permit only read access to locked data, and exclusive locks, useable by only **one user** process at time, that permit only the owning process to modify locked data.

USE For application development, e.g. using C++ object orientated programming language, when data objects are commonly accessible to many users.

ADVANTAGE Avoids simultaneous modification of data objects by concurrent users, so avoiding overlapping modifications and data being left in an incomplete or incomprehensible.

Dwg.1/12

Title Terms: DATA; LOCK; MECHANISM; COMMON; TOOL; APPLY; DEVELOP; LOCK; OBJECT; STORAGE; REPOSITORY; INDICATE; SPECIFIED; SHARE; EXCLUDE; ONE; PROCESS

Derwent Class: T01

International Patent Class (Main): G06F-009/06; G06F-009/44; G06F-017/30; G06F-017/40

File Segment: EPI

Manual Codes (EPI/S-X): T01-F06; T01-J20B

29/9/26 (Item 26 from file: 350)

DIALOG(R) File 350:Derwent WPIX

(c) 2005 Thomson Derwent. All rts. reserv.

008873996 \*\*Image available\*\*

WPI Acc No: 1992-001267/ 199201

XRPX Acc No: N92-001033

Document processing for electronic library - prevents access to original document remaining in shared library while copying of document is revised

Patent Assignee: IBM CORP (IBMC ); INT BUSINESS MACHINES CORP (IBMC )

Inventor: WANG D S F; WANG D S

Number of Countries: 004 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 462918	A	19911227	EP 91480084	A	19910522	199201 B
US 5251315	A	19931005	US 90543903	A	19900621	199341
EP 462918	A3	19930616	EP 91480084	A	19910522	199405

Priority Applications (No Type Date): US 90543903 A 19900621

Cited Patents: NoSR.Pub; 6.Jnl.Ref

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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EP 462918	A				
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Designated States (Regional): DE FR GB

US 5251315	A	9	G06F-015/403
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**Abstract (Basic): EP 462918 A**

A copy command permits the specification of at least three different copy options using the same command. The simple copy option provides for the creation of a new object in a target library using an existing object in a source library in a single unit of work. The check-out option allows an object to be checked out of a source library and copied to a target library. A lock is placed on the object to be checked out from the source library to prevent changes to it while it is checked out.

The check-in option allows an object to be placed in a target library that had been previously checked out and placed in a source library. The check-in option also permits the copy of the object originally placed in the source library to be optionally deleted after the check-in operation is completed.

**ADVANTAGE - Prevents access to original document remaining in shared library while copy of document is being revised. (11pp Dwg.No.2/5)**

**Abstract (Equivalent): US 5251315 A**

The method involves maintaining the integrity of changes made to a revisable form document in a shared library. This provided a COPY command with options for checking out and checking in a revisable form document to a shared library. The check-out option allows a **single user** to check out the revisable form document from the shared library and make a copy thereof in a user's private storage space. A lock is placed on the revisable form document in the shared library to prevent changes while it is checked out. Information relating the revisable form document to the copy is placed in both documents.

This information is used when the copy, with the user's changes, is returned to the shared library. Updates are permitted only to the copy in the private storage space. Once updates are completed the check-in option is used to return the copy to the shared library. Information relating the revisable form document to the copy is removed from both **documents** and the **lock** is removed from the revisable form document. The revisable form document will again be made available for check out by a **single user**. The check-in option also permits the copy placed in the user's private storage space to be optionally deleted after the check-in operation is completed.

**USE - In data processing system.**

Dwg.2/5

**Title Terms:** DOCUMENT; PROCESS; ELECTRONIC; LIBRARY; PREVENT; ACCESS; ORIGINAL; DOCUMENT; REMAINING; SHARE; LIBRARY; COPY; DOCUMENT; REVISED

**Derwent Class:** T01

**International Patent Class (Main):** G06F-015/403

**International Patent Class (Additional):** G06F-012/14; G06F-015/20

**File Segment:** EPI

**Manual Codes (EPI/S-X):** T01-H01C2; T01-J05B3; T01-J11; T01-M02

? t29/9/51,56

**29/9/51 (Item 51 from file: 347)**

**DIALOG(R)File 347:JAPIO**

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06454318 \*\*Image available\*\*

KARAOKE SING-ALONG MACHINE

PUB. NO.: 2000-039891 [JP 2000039891 A]

PUBLISHED: February 08, 2000 ( 20000208 )

INVENTOR(s): IWASHITA KAZUHIRO

APPLICANT(s): YAMAHA CORP

APPL. NO.: 10-208119 [JP 98208119 ]

FILED: July 23, 1998 (19980723)  
INTL CLASS: G10K-015/04; G06F-001/00

ABSTRACT

PROBLEM TO BE SOLVED: To provide a KARAOKE sing-along machine which is smoothly usable while preventing illicit use.

SOLUTION: A playing lock setting file memory section 105 of a KARAOKE sing-along machine 100 stores the conditions for executing playing lock and the conditions for prolonging a playable state for a short period by restrictively releasing the playing lock. Even if the number of lapse days indicated by a timer 102 attains the playing lock threshold while the maintenance by a system operator is not carried out, the short-term prolonging may be executed in the operation of the KARAOKE sing-along machine 100 and, therefore, the owner of the KARAOKE sing-along machine 100 is able to continua the use in a usual manner. Even the system operator is able to limit the number of days and the number of prolonging times when executing the short-term prolonging and the easy setting of the conditions under which the playing lock occurs is possible and, therefore, the illicit operation, etc., caused by the short-term prolonging may be prevented.

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29/9/56 (Item 56 from file: 347)  
DIALOG(R)File 347:JAPIO  
(c) 2005 JPO & JAPIO. All rts. reserv.

01980448 \*\*Image available\*\*  
EXCLUSIVE CONTROL SYSTEM FOR FILE ACCESS

PUB. NO.: 61-194548 [JP 61194548 A]  
PUBLISHED: August 28, 1986 ( 19860828)  
INVENTOR(s): SEKI TAKAO  
APPLICANT(s): TOSHIBA CORP [000307] (A Japanese Company or Corporation), JP  
(Japan)  
APPL. NO.: 60-034453 [JP 8534453]  
FILED: February 25, 1985 (19850225)  
INTL CLASS: [4] G06F-012/00; G06F-015/16  
JAPIO CLASS: 45.2 (INFORMATION PROCESSING -- Memory Units); 45.4  
(INFORMATION PROCESSING -- Computer Applications)  
JOURNAL: Section: P, Section No. 538, Vol. 11, No. 22, Pg. 24, January  
21, 1987 (19870121)

ABSTRACT

PURPOSE: To facilitate the exclusive control of access by allowing the access to a shared file only when the use of lock file is permitted.

CONSTITUTION: A program A maintains a lock file R in a read mode for the time t<sub>0</sub>-t<sub>1</sub>, reads/writes files 1-n, and rewrites the lock file at the time t<sub>1</sub> after the final file is updated. During that period, a program B will not receive any read request even if it is issued to any of the files 1-n, maintaining them in a read request wait state. At the time t<sub>2</sub> after the program A releases the lock file R, the program B reads the lock file R immediately. Then the program B starts updating the files, reading/writing the file, then file 1, then file 2 and so on. During this period t<sub>2</sub>-t<sub>3</sub>, the program A will be waiting for a read request even if a file read request is issued.  
?

File 348:EUROPEAN PATENTS 1978-2005/Jun W02  
 (c) 2005 European Patent Office  
 File 349:PCT FULLTEXT 1979-2005/UB=20050616,UT=20050609  
 (c) 2005 WIPO/Univentio  
 File 324:German Patents Fulltext 1967-200524  
 (c) 2005 Univentio

Set	Items	Description
S1	505060	USER? ?
S2	168096	PLAYER? ? OR READER? ? OR LISTENER? ? OR VIEWER? ?
S3	24671	(ONE OR STAG OR SOLO OR SINGLE OR SOLE OR SOLITARY OR SINGULAR OR LONE OR UNARY OR MONAD? OR MONISTIC? OR UNITARY) (1W) S-1:S2
S4	695	S1:S2(1N)ALONE
S5	813383	UNACCESSIB? OR NONACCESSIB? OR INACCESSIB? OR 'NOT' (1W) (ACCESS? OR AVAIL?) OR LOCK OR LOCKS OR LOCKED OR LOCKING
S6	22529	UNAVAIL? OR NONAVAIL? OR INAVAIL?
S7	1053353	(WHILE OR DURING OR BEING OR 'IN' OR WHEN) (2W) (USE OR USED OR USAGE? ? OR USING OR PLAYING OR PLAYED OR PLAYS OR PLAY)
S8	1420998	OBJECT? ? OR VIDEOFILE? OR AUDIOFILE? OR CONTENT? ? OR ECONTENT? ? OR MOVIE? OR EBOOK? ? OR BOOK? ? OR CYBERMEDIA?
S9	310707	MULTIMEDIA? OR POLYMEDIA? OR MEDIA OR MEDIAS OR EMEDIA? ? - OR SOUNDFILE? OR IMAGEFILE? OR MEDIAFILE? OR SONGFILE? OR AVFILE?
S10	240929	AVIFILE? OR MUSICFILE? OR MIXEDMEDIA? OR AV OR AUDIOVISUAL? OR AUDIOVIDEO? OR TUNE OR TUNES OR VIDEOIMAGE? OR JOURNAL?
S11	232934	EJOURNAL? OR GAME? ? OR VIDEOGAME? OR PERIODICAL? ? OR EPERIODICAL? OR MUSICVIDEO? OR SONG? ? OR VIDEO? ? OR COMPUTERGAME?
S12	527504	MUSIC? OR (MPG OR MPEG OR MP3 OR AVI OR DIGITAL OR AUDIO OR SOUND) ()FILE? ? OR MOTIONPICTURE? OR MOTION()PICTURE? ? OR FILM? ?
S13	995864	TEXTFILE? OR DOCUMENT? ? OR FILE OR FILES OR DATAFILE? OR - IMAGEFILE? OR IMAGE? ?
S14	441051	REGISTR? OR REGISTER?
S15	7914	S5:S6(5N)S7
S16	11265	S5:S6(3N)S8:S12
S17	4398	S5:S6(3N)S13
S18	153	S15(10N)S16:S17
S19	2	S18(20N)S3:S4
S20	6	S15(20N)S3:S4
S21	4	S20 NOT S19
S22	20929	S14(3N) (S1:S2 OR SUBSCRIBER? OR MEMBER? ? OR PARTICIPANT?)
S23	197	S15(5N)S8:S12
S24	195	S23 NOT S19-S21
S25	118	S24 AND AC=US/PR
S26	102	S25 AND AY=(1976:2000) /PR
S27	127	S24 AND PY=1976:2000
S28	161	S26:S27
S29	25	S24/TI,AB,CM
S30	141	S28 NOT S29
S31	181980	IC='G06F'
S32	45	S30 AND S31
S33	28	S3:S4(20N)S16
S34	24	S33 NOT (S32 OR S29 OR S19-S21)
S35	18	S34 AND AC=US/PR
S36	9	S35 AND AY=(1976:2000) /PR
S37	9	S34 AND PY=1976:2000
S38	10	S36:S37
S39	24	S3:S4(20N)S17
S40	20	S39 NOT (S32 OR S29 OR S19-S21 OR S34)

S41        5     S18 (20N) S14  
S42        12    S23 (20N) S14  
S43        7     S42 NOT S41  
?

? t21/5, k/2

21/5,K/2 (Item 2 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
(c) 2005 European Patent Office. All rts. reserv.

00362867

**Relational databases.**

**Relationale Datenbasis.**

**Bases de donnees relationnelles.**

**PATENT ASSIGNEE:**

International Business Machines Corporation, (200120), Old Orchard Road,  
Armonk, N.Y. 10504, (US), (applicant designated states:  
BE;CH;DE;FR;GB;IT;LI;NL;SE)

**INVENTOR:**

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Howie, Lauren Denise, 6714 Shiner Street, Austin Texas 78729, (US)

Lindsay, Bruce Gilbert, 1185 Settle Avenue, San Jose California 95025,  
(US)

**LEGAL REPRESENTATIVE:**

Bailey, Geoffrey Alan (27921), IBM United Kingdom Limited Intellectual  
Property Department Hursley Park, Winchester Hampshire SO21 2JN, (GB)

**PATENT (CC, No, Kind, Date):** EP 336580 A2 891011 (Basic)  
EP 336580 A3 920902

**APPLICATION (CC, No, Date):** EP 89302577 890316;

**PRIORITY (CC, No, Date):** US 179348 880408

**DESIGNATED STATES:** BE; CH; DE; FR; GB; IT; LI; NL; SE

**INTERNATIONAL PATENT CLASS:** G06F-015/40;

**CITED REFERENCES (EP A):**

MICROPROCESSING AND MICROPROGRAMMING. vol. 12, no. 2, September 1983,  
AMSTERDAM NL pages 99 - 109; R. HERMIDA ET AL: 'RDBAS: A Relational  
DATABASE System for Non-Experienced Users'

REVIEW OF SCIENTIFIC INSTRUMENTS. vol. 59, no. 8.II, August 1988, NEW  
YORK US pages 1768 - 1770; R.M. WIELAND ET AL: 'MINGL database system  
for TFTR'

ELECTRONIC DESIGN. vol. 30, no. 13, June 1982, DENVILLE, NEW JERSEY pages  
89 - 96; K. R. DAY: 'Micro-based DBMS manages even relational data  
bases';

**ABSTRACT EP 336580 A2**

A plurality of packed descriptions is provided as a column in a table  
each entry containing data defining attributes associated with a  
different object (such as a table or view defined to the database) and  
all its component objects (such as related columns and indexes).  
Accessing the row corresponding to a particular object returns a  
description of all of the attributes of the object's component objects,  
as well as information describing the object itself. The packed  
description information is redundantly stored conventionally in other  
system catalogs for use IN at IN querying physical definitions of objects  
in a manner consistent with other database products. The database state  
information comprising the packed descriptions is retained in internal  
format whereas the correlative redundant information is in a  
user-readable external format. By denormalising the schema for schema  
data whereby identifying relationships between objects is simplified,  
time required for compilation of statements referencing objects is  
substantially reduced. All information concerning attributes of an object  
specified in statement and its component objects necessary to compile the

statement may thereby be fetched from the packed description field corresponding to the object in one I/O operation. Objects' descriptions must otherwise be retrieved from numerous I/Os to separate system catalogs and rows collectively containing the descriptions. (see image in original document)

ABSTRACT WORD COUNT: 217

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 891011 A2 Published application (A1with Search Report ;A2without Search Report)

Examination: 900425 A2 Date of filing of request for examination: 900224

Change: 910206 A2 Representative (change)

Search Report: 920902 A3 Separate publication of the European or International search report

Withdrawal: 950329 A2 Date on which the European patent application was deemed to be withdrawn: 941001

LANGUAGE (Publication,Procedural,Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPABF1	958
SPEC A	(English)	EPABF1	6246
Total word count - document A			7204
Total word count - document B			0
Total word count - documents A + B			7204

...SPECIFICATION granting access to increasing larger numbers of users, concurrency became a problem, i.e., preventing one user from accessing the database who is locked out during use by another in order to preserve the consistency thereof. While this may not have been

...

?

? t32/5,k/2,4,13,17-19,24,28

32/5,K/2 (Item 2 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
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01888484

Systems and methods for secure transaction management and electronic rights protection

Systeme und Verfahren zur gesicherten Transaktionsverwaltung und elektronischem Rechtsschutz

Systemes et procedes de gestion de transactions securisees et de protection de droits electroniques

PATENT ASSIGNEE:

ELECTRONIC PUBLISHING RESOURCES, INC., (976840), 460 Oakmead Parkway,  
Sunnyvale, CA 94086-4708, (US), (Applicant designated States: all)

INVENTOR:

Ginter, Karl L., 10404 43rd Avenue, Beltsville, Maryland 20705, (US)

Shear, Victor H., 5203 Battery Lane, Bethesda, Maryland 20814, (US)

Spahn, Francis J., 2410 Edwards Avenue, El Cerrito, California 94530,  
(US)

Van Wie, David M., 1780 East 25th Avenue, Eugene, OR 97403, (US)

LEGAL REPRESENTATIVE:

Smith, Norman Ian et al (36041), fJ CLEVELAND 40-43 Chancery Lane,  
London WC2A 1JQ, (GB)

PATENT (CC, No, Kind, Date): EP 1526472 A2 050427 (Basic)

APPLICATION (CC, No, Date): EP 2004078254 960213;

PRIORITY (CC, No, Date): US 388107 950213

DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC;  
NL; PT; SE

RELATED PARENT NUMBER(S) - PN (AN):

EP 861461 (EP 96922371)

INTERNATIONAL PATENT CLASS: G06F-017/60 ; G06F-009/46

ABSTRACT EP 1526472 A2

The present invention provides systems and methods for secure transaction management and electronic rights protection. Electronic appliances such as computers equipped in accordance with the present invention help to ensure that information is accessed and used only in authorized ways, and maintain the integrity, availability, and/or confidentiality of the information. Such electronic appliances provide a distributed virtual distribution environment (VDE) that may enforce a secure chain of handling and control, for example, to control and/or meter or otherwise monitor use of electronically stored or disseminated information. Such a virtual distribution environment may be used to protect rights of various participants in electronic commerce and other electronic or electronic-facilitated transactions. Distributed and other operating systems, environments and architectures, such as, for example, those using tamper-resistant hardware-based processors, may establish security at each node. These techniques may be used to support an all-electronic information distribution, for example, the utilizing the "electronic higher".

ABSTRACT WORD COUNT: 151

NOTE:

Figure number on first page: 75

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 050427 A2 Published application without search report

Examination: 050427 A2 Date of request for examination: 20041130

Assignee: 050511 A2 Transfer of rights to new applicant: Intertrust

Technologies Corp. (2434320) 460 Oakmead Parkway Sunnyvale, CA 94086-4708 US  
Change: 050601 A2 Inventor information changed: 20050411  
LANGUAGE (Publication,Procedural,Application): English; English; English  
FULLTEXT AVAILABILITY:  
Available Text Language Update Word Count  
CLAIMS A (English) 200517 355  
SPEC A (English) 200517 167222  
Total word count - document A 167577  
Total word count - document B 0  
Total word count - documents A + B 167577  
INTERNATIONAL PATENT CLASS: G06F-017/60 ...

... G06F-009/46

32/5,K/4 (Item 4 from file: 348)  
DIALOG(R) File 348:EUROPEAN PATENTS  
(c) 2005 European Patent Office. All rts. reserv.

01303737  
METHOD AND APPARATUS FOR PERSISTING OBJECT ORIENTED DATA  
VERFAHREN UND VORRICHTUNG UM OBJEKTORIENTIERTE DATEN ZU PERSISTIEREN  
PROCEDE ET APPAREIL DESTINES A RENDRE DES DONNEES ORIENTEES OBJET  
REMANENTES

PATENT ASSIGNEE:  
UNISYS CORPORATION, (842794), Township Line and Union Meeting Roads P.O.  
Box 500, Blue Bell, PA 19424-0001, (US), (Proprietor designated states:  
all)

INVENTOR:  
ROFFE, James, 885 96th Avenue North East, Blaine, MN 55434, (US)  
STAFFORD, Edward, 21 Spring Farm Lane, North Oaks, MN 55126, (US)

LEGAL REPRESENTATIVE:  
Modiano, Guido, Dr.-Ing. et al (40786), Modiano, Josif, Pisanty & Staub,  
Baaderstrasse 3, 80469 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 1234229 A2 020828 (Basic)  
EP 1234229 B1 040331  
WO 2001037078 010525

APPLICATION (CC, No, Date): EP 2000977197 001114; WO 2000US31154 001114  
PRIORITY (CC, No, Date): US 444484 991119

DESIGNATED STATES (Pub A): AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE;  
IT; LI; LU; MC; NL; PT; SE; TR; (Pub B): DE; GB

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G06F-009/00

CITED PATENTS (EP B): EP 803812 A; EP 859317 A; EP 880092 A; WO 98/53619 A;  
US 5819306 A

CITED REFERENCES (EP B):

"FULLY REPROGRAMMABLE FAULT-TOLERANT FLASH MEMORY SYSTEM" IBM TECHNICAL  
DISCLOSURE BULLETIN, IBM CORP. NEW YORK, US, vol. 38, no. 8, 1 August  
1995 (1995-08-01), pages 83-86, XP000534438 ISSN: 0018-8689;

NOTE:

No A-document published by EPO  
LEGAL STATUS (Type, Pub Date, Kind, Text):  
Application: 010718 A2 International application. (Art. 158(1))  
Application: 010718 A2 International application entering European  
phase  
Application: 020828 A2 Published application without search report  
Examination: 020828 A2 Date of request for examination: 20020619  
Examination: 021211 A2 Date of dispatch of the first examination  
report: 20021023  
Grant: 040331 B1 Granted patent

Oppn None: 050323 B1 No opposition filed: 20050104  
LANGUAGE (Publication, Procedural, Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	200414	745
CLAIMS B	(German)	200414	758
CLAIMS B	(French)	200414	915
SPEC B	(English)	200414	4222
Total word count - document A			0
Total word count - document B			6640
Total word count - documents A + B			6640

INTERNATIONAL PATENT CLASS: G06F-009/00

...SPECIFICATION Count allows for nested locking (e.g. lock, lock, unlock, unlock). A count > 0 locks object from being used by another thread (transaction).

Write Lock Count - count of write locks outstanding. Count allows for nested locking (e.g. lock, lock, unlock, unlock). A count > 0 locks object from being used by another thread (transaction). When this count is > 0 we will write this object...

32/5,K/13 (Item 13 from file: 348)  
DIALOG(R) File 348:EUROPEAN PATENTS  
(c) 2005 European Patent Office. All rts. reserv.

00921498

Method and apparatus for thread synchronization in object-based systems  
Verfahren und Gerät zur Fadensynchronisierung in objektbasierten Systemen  
Procede et dispositif pour synchronisation de fils dans des systèmes bases sur des objets

PATENT ASSIGNEE:

SUN MICROSYSTEMS, INC., (1392737), 901 San Antonio Road, MS PALL-521,  
Palo Alto, California 94043, (US), (Proprietor designated states: all)

INVENTOR:

Bak, Lars, 3782 Corina Way, Palo Alto, California 94303, (US)  
Lindholm, Timothy G., 623 Middlefield Road, Palo Alto, California 94301,  
(US)

LEGAL REPRESENTATIVE:

Alton, Andrew (97091), Urquhart-Dykes & Lord Tower House Merrion Way,  
Leeds LS2 8PA, (GB)

PATENT (CC, No, Kind, Date): EP 840215 A1 980506 (Basic)  
EP 840215 B1 020918

APPLICATION (CC, No, Date): EP 97308415 971022;

PRIORITY (CC, No, Date): US 743484 961104; US 57050 P 970827

DESIGNATED STATES: DE; FR; IT; NL; SE

INTERNATIONAL PATENT CLASS: G06F-009/46 ; G06F-009/44

CITED PATENTS (EP B): US 5057996 A

CITED REFERENCES (EP B):

CHEN R C ET AL: "LINKING CONSISTENCY WITH OBJECT/THREAD SEMANTICS: AN APPROACH TO ROBUST COMPUTATION" INTERNATIONAL CONFERENCE ON DISTRIBUTED COMPUTING SYSTEMS, NEWPORT BEACH, JUNE 5 - 9, 1989, no. 1989, 5 June 1989, INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS, pages 121-128, XP000044032;

ABSTRACT EP 840215 A1

Methods and apparatus which enable threads to lock and to unlock objects disclosed. According to one aspect of the present invention, a method for associating an object with a first thread includes obtaining

the contents of the object header field of the object. The contents obtained from the object header field are then stored into a first location within a stack which is associated with the first thread. A reference indicator, which identifies the stack in which the contents obtained from the object header field are stored, is then stored in the object header field. In one embodiment, the method further includes updating a status indicator associated with the object to essentially show that the reference indicator is stored in the object header field.

ABSTRACT WORD COUNT: 125

NOTE:

Figure number on first page: 3

LEGAL STATUS (Type, Pub Date, Kind, Text):

Examination: 010124 A1 Date of dispatch of the first examination report: 20001212  
Application: 980506 A1 Published application (A1with Search Report ;A2without Search Report)  
Oppn None: 030910 B1 No opposition filed: 20030619  
Change: 020515 A1 Legal representative(s) changed 20020326  
Grant: 020918 B1 Granted patent  
Examination: 981223 A1 Date of filing of request for examination: 981027  
Change: 990120 A1 Designated Contracting States (change)  
Change: 990414 A1 Designated Contracting States (change)

LANGUAGE (Publication, Procedural, Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	199819	1412
CLAIMS B	(English)	200238	1416
CLAIMS B	(German)	200238	1378
CLAIMS B	(French)	200238	1548
SPEC A	(English)	199819	14597
SPEC B	(English)	200238	14513
Total word count - document A			16012
Total word count - document B			18855
Total word count - documents A + B			34867

INTERNATIONAL PATENT CLASS: G06F-009/46 ...

... G06F-009/44

...SPECIFICATION being associated with a relatively large amount of memory except when necessary, e.g., when **object** 204 is **locked** and synchronization construct 206a is **in use**.

Since synchronization construct 206a is not inherently associated with object 204, when thread 202 attempts...associated with the thread in step 412 to indicate that the thread already holds the **object lock**, and that the **object** is **being used** by a re-entrant synchronized operation. In general, the indicator value may be any suitable...

...SPECIFICATION being associated with a relatively large amount of memory except when necessary, e.g., when **object** 204 is **locked** and synchronization construct 206a is **in use**.

Since synchronization construct 206a is not inherently associated with object 204, when thread 202 attempts...associated with the thread in step 412 to indicate that the thread already holds the **object lock**, and that the **object** is **being used** by a re-entrant synchronized operation. In general, the indicator value may be any suitable...

32/5,K/17 (Item 17 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
(c) 2005 European Patent Office. All rts. reserv.

00471420  
Hypermedia link marker abstract and search services.  
Hypermediavorrichtung mit Verbindungsinformationen, Fenstern,  
Zusammenfassungen und Suchdiensten.  
Agencement hypermedia avec des informations de liaison, fenetres, resumes  
et des services de recherche.

PATENT ASSIGNEE:

International Business Machines Corporation, (200120), Old Orchard Road,  
Armonk, N.Y. 10504, (US), (applicant designated states: DE;FR;GB;IT)

INVENTOR:

Bernstein, Keith, 1406 Meridian Pl. N.W., Washington, D.C. 20010, (US)  
Stephens, John Anthony, 20501 Topridge Dr., Boyds, Maryland 20841, (US)

LEGAL REPRESENTATIVE:

Monig, Anton, Dipl.-Ing. (8591), IBM Deutschland Informationssysteme GmbH  
Patentwesen und Urheberrecht Pascalstrasse 100, W-7000 Stuttgart 80,  
(DE)

PATENT (CC, No, Kind, Date): EP 483577 A2 920506 (Basic)  
EP 483577 A3 930616

APPLICATION (CC, No, Date): EP 91117488 911014;

PRIORITY (CC, No, Date): US 606309 901031

DESIGNATED STATES: DE; FR; GB; IT

INTERNATIONAL PATENT CLASS: G06F-015/40

CITED PATENTS (EP A): WO 9000776 A; EP 270360 A

CITED REFERENCES (EP A):

COMMUNICATIONS OF THE ASSOCIATION FOR COMPUTING MACHINERY. vol. 31, no.  
7, July 1988, NEW YORK US pages 856 - 861 B. CAMPBELL, J.M. GOODMAN  
'HAM: A GENERAL PURPOSE HYPERTEXT ABSTRACT MACHINE';

ABSTRACT EP 483577 A2

A set of hypermedia linking services enable client applications to incorporate hypermedia capabilities in an open system architecture. The users are provided with a consistent hypermedia interface completely managed by the hypermedia services and not by the client application itself. The graphical user interface includes methods for menu handling, dialog box presentation and pointing device message handling, e.g., mouse message handling. Normal hypermedia activities such as object management, object creation, object deletion and object modification is provided. In addition, an open system searching mechanism is provided to satisfy broad non-context requests for information by the user without sacrificing the advantages of an open hypermedia environment. (see image in original document)

ABSTRACT WORD COUNT: 112

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 920506 A2 Published application (A1with Search Report  
;A2without Search Report)

Examination: 921014 A2 Date of filing of request for examination:  
920817

Change: 930407 A2 Representative (change)

Change: 930512 A2 Representative (change)

Search Report: 930616 A3 Separate publication of the European or  
International search report

Withdrawal: 980304 A2 Date on which the European patent application  
was withdrawn: 980108

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPABF1	654

SPEC A (English) EPABF1 17106  
Total word count - document A 17760  
Total word count - document B 0  
Total word count - documents A + B 17760

INTERNATIONAL PATENT CLASS: G06F-015/40

...SPECIFICATION or deletes a document, link marker or link. In Figures 28 and 29, references to **lock** and unlock **when used** in the context of database objects is intended to describe the scope of their availability to others. Lock means to obtain...

32/5,K/18 (Item 18 from file: 348)  
DIALOG(R) File 348:EUROPEAN PATENTS  
(c) 2005 European Patent Office. All rts. reserv.

00471419  
Application independent services enabling the incorporation of hypermedia  
Anwendungsunabhängige Dienste um die Aufnahme von Hypermedien zu  
ermöglichen  
Des services independants des applications permettant l'incorporation  
d'hypermedia

PATENT ASSIGNEE:

International Business Machines Corporation, (200120), Old Orchard Road,  
Armonk, N.Y. 10504, (US), (applicant designated states:  
BE;CH;DE;ES;FR;GB;IT;LI;NL;SE)

INVENTOR:

Bernstein, Keith, 1406 Meridian Pl. N.W., Washington, D.C. 20010, (US)  
Stephens, John Anthony, 20501 Topridge Dr., Boyds, Maryland 20841, (US)

LEGAL REPRESENTATIVE:

Rach, Werner, Dr. et al (76871), IBM Deutschland Informationssysteme  
GmbH, Patentwesen und Urheberrecht, 70548 Stuttgart, (DE)

PATENT (CC, No, Kind, Date): EP 483576 A2 920506 (Basic)  
EP 483576 A3 930616  
EP 483576 B1 980107

APPLICATION (CC, No, Date): EP 91117487 911014;

PRIORITY (CC, No, Date): US 606320 901031

DESIGNATED STATES: BE; CH; DE; ES; FR; GB; IT; LI; NL; SE

INTERNATIONAL PATENT CLASS: G06F-017/30

CITED PATENTS (EP A): WO 9010913 A; WO 9000776 A; EP 344082 A; EP 280582 A

ABSTRACT EP 483576 A2

A set of hypermedia linking services enable client applications to incorporate hypermedia capabilities in an open system architecture. The users are provided with a consistent hypermedia interface completely managed by the hypermedia services and not by the client application itself. The graphical user interface includes methods for menu handling, dialog box presentation and pointing device message handling, e.g., mouse message handling. Normal hypermedia activities such as object management, object creation, object deletion and object modification is provided.  
(see image in original document)

ABSTRACT WORD COUNT: 84

LEGAL STATUS (Type, Pub Date, Kind, Text):

Lapse: 020619 B1 Date of lapse of European Patent in a  
contracting state (Country, date): BE  
19980107, CH 19980107, LI 19980107, DE  
19980408, ES 19980107, FR 19980605, IT  
19980107, SE 19980407,

Application: 920506 A2 Published application (A1with Search Report

;A2without Search Report)

Lapse: 030212 B1 Date of lapse of European Patent in a contracting state (Country, date): BE 19980107, CH 19980107, LI 19980107, DE 19980408, ES 19980107, FR 19980605, IT 19980107, NL 19980107, SE 19980407,

Examination: 921014 A2 Date of filing of request for examination: 920817

Change: 930407 A2 Representative (change)

Change: 930512 A2 Representative (change)

Search Report: 930616 A3 Separate publication of the European or International search report

Examination: 960117 A2 Date of despatch of first examination report: 951201

Change: 970507 A2 Representative (change)

Grant: 980107 B1 Granted patent

Lapse: 981007 B1 Date of lapse of the European patent in a Contracting State: DE 980408

Lapse: 981021 B1 Date of lapse of the European patent in a Contracting State: DE 980408, SE 980407

Lapse: 981028 B1 Date of lapse of the European patent in a Contracting State: DE 980408, FR 980605, SE 980407

Lapse: 981202 B1 Date of lapse of the European patent in a Contracting State: BE 980107, DE 980408, FR 980605, SE 980407

\*Lapse: 981209 B1 Date of lapse of the European patent in a contracting state (rule 92(1)(p)) (change): BE 980107, CH 980107, LI 980107, DE 980408, FR 980605, SE 980407

\*Lapse: 981209 B1 Date of lapse of the European patent in a contracting state (rule 92(1)(p)) (change): BE 980107, CH 980107, LI 980107, DE 980408, FR 980605, SE 980407

Oppn None: 981230 B1 No opposition filed

Lapse: 991020 B1 Date of lapse of European Patent in a contracting state (Country, date): BE 19980107, CH 19980107, LI 19980107, DE 19980408, FR 19980605, IT 19980107, SE 19980407,

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	9802	3485
CLAIMS B	(German)	9802	3586
CLAIMS B	(French)	9802	3849
SPEC B	(English)	9802	15555
Total word count - document A			0
Total word count - document B			26475
Total word count - documents A + B			26475

INTERNATIONAL PATENT CLASS: G06F-017/30

...SPECIFICATION or deletes a document, link marker or link. In Figures 28 and 29, references to **lock** and unlock **when used** in the context of database **objects** is intended to describe the scope of their availability to others. Lock means to obtain...

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00404310

High concurrency manager of open files.

Hochparallelverwalter von offenen Dateien.

Gestionnaire hautement parallele de fichiers ouverts.

PATENT ASSIGNEE:

International Business Machines Corporation, (200120), Old Orchard Road,  
Armonk, N.Y. 10504, (US), (applicant designated states: DE;FR;GB)

INVENTOR:

Nordstrom, Michael Lawrence, 715 Sixth Street S.W., Oronoco, Minnesota  
55960, (US)

Ricard, Gary Ross, 607 Tenth Street S.E., Rochester, Minnesota 55904,  
(US)

Vriezen, John Joseph, 330 Warren Avenue, Zumbrota, Minnesota 55992, (US)

Welsh, David Rolland, 1112 Second Street S.E., Rochester, Minnesota 55904  
, (US)

Youngren, Larry William, 1505 41st Street, N.W. Apt 18-F, Rochester,  
Minnesota 55901, (US)

LEGAL REPRESENTATIVE:

de Pena, Alain et al (15151), Compagnie IBM France Departement de  
Propriete Intellectuelle, F-06610 La Gaude, (FR)

PATENT (CC, No, Kind, Date): EP 394173 A2 901024 (Basic)  
EP 394173 A3 931027

APPLICATION (CC, No, Date): EP 90480060 900410;

PRIORITY (CC, No, Date): US 339286 890417

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS: G06F-015/40 ; G06F-009/46 ; G06F-015/411

CITED PATENTS (EP A): EP 72413 A

CITED REFERENCES (EP A):

ANDREW S. TANENBAUM 'Operating Systems' 1987 , PRENTICE HALL , ENGLEWOOD  
CLIFFS, US

ACM TRANSACTIONS ON DATABASE SYSTEMS vol. 12, no. 2, June 1987, NEW YORK  
US pages 195 - 217 CARLA SCHLATTER ELLIS 'Concurrency in linear  
hashing'

IBM TECHNICAL DISCLOSURE BULLETIN. vol. 30, no. 5, October 1987, NEW YORK  
US pages 348 - 350 , XP39758 'Fast method for simultaneous exclusive  
table modifications';

ABSTRACT EP 394173 A2

An in use table manager (30) in a computer system uses an in use table (34) to track the use of files, or objects (12, 14). The in use table is used to determine which objects may need recovery in the event of a system failure. Object addresses are hashed by the in use manager to identify a preferred slot (34) in the table. The slots contain information identifying the object, and indicating the extent of use of the object. The in use manager assigns alternate slots, and dynamically changes the size of the in use table to reduce contention for slots. Several atomic operations on the table ensure integrity of the table, while permitting concurrent use. Portions of the table are bundled into single I/O operations to enhance system performance by minimizing I/O (see image in original document)

ABSTRACT WORD COUNT: 143

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 901024 A2 Published application (A1with Search Report  
;A2without Search Report)

Examination: 910206 A2 Date of filing of request for examination:  
901213

Change: 930804 A2 Obligatory supplementary classification  
(change)

Search Report: 931027 A3 Separate publication of the European or International search report  
Change: 960124 A2 Representative (change)  
Withdrawal: 970502 A2 Date on which the European patent application was deemed to be withdrawn: 961101

LANGUAGE (Publication,Procedural,Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPABF1	733
SPEC A	(English)	EPABF1	8123
Total word count - document A			8856
Total word count - document B			0
Total word count - documents A + B			8856

INTERNATIONAL PATENT CLASS: G06F-015/40 ...

... G06F-009/46 ...

... G06F-015/411

...SPECIFICATION table. This slot serves as a preferred synchronization point. Further activity related to changing the `in use` status will lock this slot prior to performing `in use` operations on the `object`

As with other common hashes, several virtual addresses map into a single slot address. The...

32/5,K/24 (Item 3 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2005 WIPO/Univentio. All rts. reserv.

00880924 \*\*Image available\*\*  
PORTABLE OPERATING ENVIRONMENT FOR INFORMATION DEVICES  
ENVIRONNEMENT D'EXPLOITATION TRANSFERABLE POUR DISPOSITIFS D'INFORMATIONS  
Patent Applicant/Assignee:

TRANSVIRTUAL TECHNOLOGIES INC, 188 The Embarcadero, San Francisco, CA  
94105, US, US (Residence), US (Nationality)

Inventor(s):

WILKINSON Tim, 1125 Oxford Street, Berkeley, CA 94707, US,  
MEHLITZ Peter, 1725 Arlington Blvd., El Cerrito, CA 94530, US,  
FADER Tony, 524 - 37th Avenue, Santa Cruz, CA 95062, US,

Legal Representative:

SMITH Andrew V (agent), Sierra Patent Group, Ltd., P.O. Box 6149,  
Stateline, NV 89449, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200215004 A2-A3 20020221 (WO 0215004)  
Application: WO 2001US25632 20010814 (PCT/WO US01025632)  
Priority Application: US 2000225569 20000814

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ  
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR  
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL  
TJ TM TR TT TZ UA UG UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-009/455  
International Patent Class: G06F-009/44 ; G06K-009/62  
Publication Language: English  
Filing Language: English  
Fulltext Availability:  
    Detailed Description  
    Claims  
Fulltext Word Count: 19152

English Abstract

A client software program for use on an embedded computing device includes an operating system layer including an abstraction layer, a programming environment, and an application framework including a package manager. The client is configured to interface with a client support server including a package repository, for receiving package data for running a software package on the embedded computing device. A graphics driver includes a shape function layer and a framebuffer access macro layer. When the first drawing surface is rendered as partially overlapping the second drawing surface, a visible portion of the second drawing surface is computed as a set of rectangular clip segments. User interface component data and data used to factorize the way it is rendered are logically separated.

French Abstract

L'invention concerne un programme logiciel client utilise sur un dispositif de calcul integre. Ce programme logiciel comprend une couche de systeme d'exploitation comportant une couche d'abstraction, un environnement de programmation et un cadre d'applications dote d'un gestionnaire de progiciel. Le client est conçu pour faire interface avec un serveur de support client comprenant un systeme d'archivage de progiciel destine a recevoir des donnees de progiciel en vue d'executer un progiciel sur le dispositif de calcul integre. Un pilote graphique comprend une couche de fonction de forme ainsi qu'une couche macro d'accès à la memoire d'image. Lorsque la premiere surface de dessin rendue chevauche partiellement la seconde surface de dessin, une partie visible de la seconde surface de dessin est calculee sous la forme d'un ensemble de segments rectangulaires de decoupage. Des donnees de composante d'interface utilisateur et des donnees de factorisation de rendu sont separees par voie logique. Un algorithme logiciel de reconnaissance d'ecriture comprend un module de codage destine a coder des segments de caractere entres dans un dispositif d'entree en tant que valeurs entieres, ainsi qu'un module de reconnaissance de caracteres permettant de reconnaître des caracteres en tant qu'unites entieres. Un programme de verrouillage de contention est conçu pour effectuer un verrouillage leger d'un objet initialement non verrouille lorsqu'une premiere unite d'execution tente de verrouiller ledit objet, et pour maintenir le verrouillage leger de cet objet quand la premiere unite d'execution tente d'operer un verrouillage intra-unite d'execution imbrique.

Legal Status (Type, Date, Text)

Publication 20020221 A2 Without international search report and to be republished upon receipt of that report.  
Examination 20021017 Request for preliminary examination prior to end of 19th month from priority date  
Search Rpt 20040401 Late publication of international search report  
Republication 20040401 A3 With international search report.  
Republication 20040401 A3 Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.

Main International Patent Class: G06F-009/455

International Patent Class: G06F-009/44 ...

Fulltext Availability:

Detailed Description

Detailed Description

... allowing just a single thread at a time to execute the instructions), and using efficient **object locks**. Depending on the thread model **in use**, checking, and updating **object locks** can be very expensive, since these operations involve atomic instruction sequences which might be implemented...

32/5, K/28 (Item 7 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00804445 \*\*Image available\*\*

METHOD AND APPARATUS FOR PERSISTING OBJECT ORIENTED DATA

PROCEDE ET APPAREIL DESTINES A RENDRE DES DONNEES ORIENTEES OBJET  
REMANENTES

Patent Applicant/Assignee:

UNISYS CORPORATION, Township Line and Union Meeting Roads, P.O. Box 500,  
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Inventor(s):

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STAFFORD Edward, 21 Spring Farm Lane, North Oaks, MN 55126, US,

Legal Representative:

STARR Mark T (et al) (agent), Unisys Corporation, Township Line and Union  
Meeting Roads, P.O. Box 500, Blue Bell, PA 19424-0001, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200137078 A2-A3 20010525 (WO 0137078)

Application: WO 2000US31154 20001114 (PCT/WO US0031154)

Priority Application: US 99444484 19991119

Designated States:

(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

BR JP KR

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

Main International Patent Class: G06F-009/44

International Patent Class: G06F-011/20

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 5606

English Abstract

A method and apparatus for persisting object oriented data are provided in various embodiments. Persistent storage is established for a working data set and a committed data set. The areas for the working and committed data sets are used for storage of the persistent data objects. After a persistent data object is updated in computer memory, the updated version is written to the working data set. Then, references to the working data set and the committed data set are switched, whereby the working data set becomes the committed data set and the committed data set becomes the working data set.

French Abstract

L'invention concerne un procede et un appareil permettant de rendre des donnees orientees objet remanentes, et faisant l'objet de divers modes de realisation. Le stockage persistant est etabli pour un ensemble de donnees de travail et un ensemble de donnees validees. Les zones destinees aux ensembles de donnees de travail et de donnees validees sont utilisees pour le stockage des objets-donnees remanents. Apres la mise a jour d'un objet-donnees dans la memoire de l'ordinateur, la version mise a jour est ecrite dans l'ensemble de donnees de travail. Ensuite, les references a l'ensemble de donnees de travail et a l'ensemble de donnees validees sont interchangees, l'ensemble de donnees de travail devenant l'ensemble de donnees validees et l'ensemble de donnees validees devenant l'ensemble de donnees de travail.

Legal Status (Type, Date, Text)

Publication 20010525 A2 Without international search report and to be republished upon receipt of that report.  
Examination 20011004 Request for preliminary examination prior to end of 19th month from priority date  
Search Rpt 20020510 Late publication of international search report  
Republication 20020510 A3 With international search report.

Main International Patent Class: G06F-009/44

International Patent Class: G06F-011/20

Fulltext Availability:

Detailed Description

Detailed Description

... Lock Count allows for nested locking (e.g. lock, lock, unlock, unlock). A count > 0 locks object from being used by another thread (transaction).

Write Lock Count - count of write locks outstanding.

Count allows for nested locking (e.g. lock, lock, unlock, unlock). A count > 0 locks object from being used by another thread (transaction). When this count is > 0 we will write this object (call...  
? t32/5,k/41

32/5,K/41 (Item 20 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00413451 \*\*Image available\*\*

METHOD AND APPARATUS FOR COORDINATION OF A SHARED OBJECT IN A DISTRIBUTED SYSTEM

PROCEDE ET APPAREIL DE COORDINATION DES ACCES A UN OBJET PARTAGE DANS UN SYSTEME REPARTI

Patent Applicant/Assignee:

CABLETRON SYSTEMS INC,

Inventor(s):

JEFFORDS Jason,  
CROWLEY Todd A,  
SEXTON Donald,  
HAZEL Thomas,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9803912 A1 19980129

Application: WO 97US12664 19970718 (PCT/WO US9712664)

Priority Application: US 96681040 19960722

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU  
IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL  
PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW GH KE LS MW SD  
SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH DE DK ES FI FR GB GR IE IT  
LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

Main International Patent Class: G06F-009/46

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 6592

#### English Abstract

Method and apparatus for coordinating access to a shared object amongst a plurality of processes in a distributed system. One process is identified as a lock owner process controlling a lock associated with the shared object. When a process needs to access the shared object, it requests control of the lock from the lock owner process. When no other process controls the lock, the lock owner process grants control to the requesting process. When another process controls the lock, the lock owner process places the requesting process in a queue and waits for the lock to become available. All accesses to the shared object are processed through the lock owner processes thus assuring coordination and synchronization among the processes.

#### French Abstract

Cette invention se rapporte à un procédé et à un appareil concus pour coordonner les accès à un objet partagé par une pluralité de processus au sein d'un système réparti. Un processus est identifié comme un processus propriétaire d'un jeton de verrouillage lorsqu'il a la maîtrise d'un jeton de verrouillage associé à l'objet partagé. Lorsqu'un processus a besoin d'accéder à l'objet partagé, il demande au processus propriétaire du jeton de verrouillage de lui accorder la commande du jeton de verrouillage. Si aucun autre processus ne commande le jeton de verrouillage, le processus propriétaire du jeton de verrouillage accorde la commande du jeton de verrouillage au processus demandeur. Si par contre un autre processus commande le jeton de verrouillage, le processus propriétaire du jeton de verrouillage place le processus demandeur dans une file d'attente et attend que le jeton de verrouillage soit disponible. Tous les accès à l'objet partagé sont gérés par le processus propriétaire du jeton de verrouillage, ce qui assure la coordination et la synchronisation des accès par les multiples processus.

#### Patent and Priority Information (Country, Number, Date):

Patent: ... 19980129

Main International Patent Class: G06F-009/46

Fulltext Availability:

Detailed Description

Publication Year: 1998

#### Detailed Description

... does have control of the lock, the lock owner process determines whether or not the object is in use in step 528. If the lock owner process is in use the object control passes to step 517 to wait for the lock to be released. Otherwise, in...

?

38/5,K/1 (Item 1 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
(c) 2005 European Patent Office. All rts. reserv.

01001646

Workflow management system

Arbeitsflussverwaltungssystem

Système de gestion de flux de travail

PATENT ASSIGNEE:

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LEGAL REPRESENTATIVE:

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PATENT (CC, No, Kind, Date): EP 903678 A2 990324 (Basic)

EP 903678 A3 000614

EP 903678 B1 030326

APPLICATION (CC, No, Date): EP 98117821 980919;

PRIORITY (CC, No, Date): GB 9720166 970923

DESIGNATED STATES: DE; FR; GB

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G06F-017/60

CITED PATENTS (EP B): WO 94/29804 A

CITED REFERENCES (EP B):

SARIN S K: "Object-oriented workflow technology in InConcert" DIGEST OF  
PAPERS OF THE COMPUTER SOCIETY COMPUTER CONFERENCE COMPCON,US,LOS  
ALAMITOS, IEEE COMP. SOC. PRESS, vol. CONF. 41, 1996, pages  
446-450-450, XP002126042 ISBN: 0-8186-7414-8

MARSHAK R T: "IBM'S FLOWMARK OBJECT-ORIENTED WORKFLOW FOR  
MISSION-CRITICAL APPLICATIONS" WORKGROUP COMPUTING REPORT,XX,XX, vol.  
17, no. 5, 1 May 1994 (1994-05-01), pages 3-13, XP000568699 ISSN:  
1057-8889

GREENWOOD R M ET AL: "THE USE OF A PERSISTENT LANGUAGE IN THE  
IMPLEMENTATION OF A PROCESS SUPPORT SYSTEM" ICL TECHNICAL  
JOURNAL,GB,PETER PERGRINUS LTD. HITCHIN, vol. 8, no. 1, 1 May 1992  
(1992-05-01), pages 108-129, XP000300983;

ABSTRACT EP 903678 A2

A workflow management system consists of a number of work pool objects, holding work items waiting to be processed, and a number of work pool user objects, for processing work items from the work pool objects in accordance with rules stored in the individual work pool user objects. Each of the work pool objects has the capability of managing its own work pool user objects, and has a number of work pool viewer objects associated with it, for allowing respective users to view and select the work items held by that work pool object. When a work item is selected by a user, the work pool viewer object informs the associated work pool object, which then sends a copy of the selected work item to the appropriate work pool user object. A system administrator object allowing a user to modify the business rules in any selected work pool user object dynamically, while the system is running.

ABSTRACT WORD COUNT: 157

NOTE:

Figure number on first page: 2

LEGAL STATUS (Type, Pub Date, Kind, Text):

Search Report: 000614 A3 Separate publication of the search report  
Application: 990324 A2 Published application (A1with Search Report  
;A2without Search Report)  
Oppn None: 040317 B1 No opposition filed: 20031230  
Assignee: 020731 A2 Transfer of rights to new applicant: Fujitsu  
Services Limited (233335) 26 Finsbury Square  
London, EC2A 1SL GB  
Examination: 020116 A2 Date of dispatch of the first examination  
report: 20011203  
Examination: 001220 A2 Date of request for examination: 20001020  
Change: 020515 A2 Legal representative(s) changed 20020325  
Grant: 030326 B1 Granted patent

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	199911	422
CLAIMS B	(English)	200313	295
CLAIMS B	(German)	200313	281
CLAIMS B	(French)	200313	366
SPEC A	(English)	199911	2982
SPEC B	(English)	200313	3015
Total word count - document A			3405
Total word count - document B			3957
Total word count - documents A + B			7362

...SPECIFICATION links in the corresponding item records. The ObjectManager role also provides a locking mechanism for locking the business objects , so as to allow only one user at a time to update a given object.

The WorkPool roles 23 are responsible for...

...SPECIFICATION links in the corresponding item records. The ObjectManager role also provides a locking mechanism for locking the business objects , so as to allow only one user at a time to update a given object.

The WorkPool roles 23 are responsible for...

38/5,K/2 (Item 2 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
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00448311

VIDEO SELECTION AND DISTRIBUTION SYSTEM

VIDEO-AUSWAHL UND VERTEILUNGSSYSTEM

SYSTEME DE SELECTION DE PROGRAMMES VIDEO ET SYSTEME DE DISTRIBUTION

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LEGAL REPRESENTATIVE:

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PATENT (CC, No, Kind, Date): EP 471025 A1 920219 (Basic)

EP 471025 A1 920930  
EP 471025 B1 960228  
WO 9013972 901115

APPLICATION (CC, No, Date): EP 90908068 900419; WO 90US2020 900419  
PRIORITY (CC, No, Date): US 346778 890503  
DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; IT; LI; LU; NL; SE  
INTERNATIONAL PATENT CLASS: H04N-007/173;  
CITED PATENTS (EP A): US 4381522 A; US 4450477 A; US 4506387 A; US 4573072  
A; EP 279608 A  
CITED PATENTS (WO A): US 4381522 A; US 4450477 A; US 4506387 A  
CITED REFERENCES (EP A):

INTERNATIONAL CONFERENCE ON COMMUNICATIONS '86 vol. 3, June 1986,  
TORONTO, CANADA pages 1735 - 1739; JUDICE ET AL.: 'VIDEO ON DEMAND : A  
WIDEBAND SERVICE OR MYTH ?';

NOTE:

No A-document published by EPO

LEGAL STATUS (Type, Pub Date, Kind, Text):  
Revocation: 011031 B1 Date of Revocation of European Patent: 20001229  
Application: 920219 A1 Published application (A1with Search Report  
;A2without Search Report)  
Examination: 920219 A1 Date of filing of request for examination:  
910914  
Change: 920304 A1 Inventor (change)  
Search Report: 920930 A1 Drawing up of a supplementary European search  
report: 920807  
Examination: 941026 A1 Date of despatch of first examination report:  
940912  
Grant: 960228 B1 Granted patent  
\*Assignee: 960410 B1 Proprietor of the patent (name, address)  
(change)  
\*Assignee: 960821 B1 Proprietor of the patent (transfer of rights):  
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Clara, CA 95054 (US) (applicant designated  
states: AT;BE;CH;DE;DK;ES;FR;GB;IT;LI;LU;NL;SE)  
\*Assignee: 960821 B1 Previous applicant in case of transfer of  
rights (change): ON COMMAND VIDEO CORPORATION  
(a California Corporation) (1306210) 3301  
Olcott Street, Santa Clara, CA 95054 (US)  
(applicant designated states:  
AT;BE;CH;DE;DK;ES;FR;GB;IT;LI;NL;SE)  
Oppn: 970122 B1 Opposition 01/961127 LodgeNet Entertainment  
Corporation; 808 North West Avenue, Sioux  
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(Representative:) Fry, Alan Valentine; FRY HEATH  
& SPENCE The Old College 53 High Street; Horley  
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02/961128 British Telecommunications public  
limited company; 81 Newgate street; GB-LONDON  
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Group Legal Services, Intellectual Property  
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Holborn; London EC1N 2TE; (GB)  
\*Oppn: 990602 B1 Opposition (change) 02/961128 British  
Telecommunications public limited company; 81  
Newgate street; GB-LONDON EC1A 7AJ; (GB)  
(Representative:) Evershed, Michael; BT Group  
Legal Services, Intellectual Property  
Department, 8th Floor, Holborn Centre, 120  
Holborn; London EC1N 2TE; (GB)

; ; ; ()  
LANGUAGE (Publication, Procedural, Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPAB96	1529
CLAIMS B	(German)	EPAB96	1144
CLAIMS B	(French)	EPAB96	1862
SPEC B	(English)	EPAB96	6278
Total word count - document A			0
Total word count - document B			10813
Total word count - documents A + B			10813

... CLAIMS at any one time; and by the step of  
storing information denoting which of said **single - viewer** video  
program sources, if any, are currently coupled to any of said **video**  
monitors and thus **not** currently **available**.

10. The method of Claim 8, wherein a plurality of distinct groups of  
said video...

38/5,K/8 (Item 4 from file: 349)  
DIALOG(R) File 349:PCT FULLTEXT  
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00535073 \*\*Image available\*\*

DATA MANAGEMENT SYSTEM

SYSTEME DE GESTION DE DONNEES

Patent Applicant/Assignee:

ATEX MEDIA SOLUTIONS INC,  
LITVAK Jeffrey,  
BERKE Steven R,  
CAMERON Kirk,

Inventor(s):

LITVAK Jeffrey,  
BERKE Steven R,  
CAMERON Kirk,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9966425 A1 19991223  
Application: WO 99US13633 19990618 (PCT/WO US9913633)  
Priority Application: US 9889867 19980619

Designated States:

(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE  
GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK  
MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN  
YU ZA ZW GH GM KE LS MW SD SL SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE  
CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN  
GW ML MR NE SN TD TG

Main International Patent Class: G06F-017/21

International Patent Class: G06F-017/60

Publication Language: English

Fulltext Availability:

Detailed Description  
Claims

Fulltext Word Count: 26500

English Abstract

A data management system is provided in which a publishable story is  
comprised of one or more content items and one or more insertions. For  
publication, each insertion includes data fields which, among other

things, direct at least one content item to a specified output destination. The output destination may include print, broadcast, Internet or other medium, and may be further broken down by publication, publication zone, publication date and/or publication edition. The insertions and content of a particular story are logically associated on the database, to permit users to track or edit the story, insertions or content while viewing and/or editing any or all associated insertions and content of a story. In one embodiment, content may be linked across insertions so that any change in the content will be updated to all linked versions. In another embodiment, common pages are defined in which insertions and content are to appear identically on a page across multiple media, editions or zones, in which case, insertions subject to common page rules are linked.

#### French Abstract

L'invention concerne un systeme de gestion de donnees, dans lequel une histoire publiable est constituee d'un ou plusieurs articles de contenu et d'une ou plusieurs insertions. En vue d'une publication, chaque insertion comprend des champs de donnees destines entre autre a orienter au moins un article de contenu vers une destination de sortie definie. Cette destination de sortie peut etre un support d'impression ou de diffusion, l'Internet, ou tout autre support, et peut par ailleurs etre decoupee selon la publication, la zone de publication, la date de publication et/ou la preparation de la publication. Les insertions et le contenu d'une histoire sont en outre logiquement associes sur la base de donnees, afin de permettre aux utilisateurs de suivre ou de preparer l'histoire, les insertions ou le contenu, tout en visualisant et/ou en preparant une partie ou la totalite des insertions et du contenu d'une histoire. Dans un mode de realisation, le contenu peut etre relie par-dessus des insertions, de sorte que toute modification de ce contenu peut etre mise a jour dans toutes les versions reliees. Dans un autre mode de realisation, on definit les pages communes renfermant des insertions et un contenu qui doivent apparaitre de maniere identique sur une page par-dessus plusieurs supports, preparations, ou zones, auquel cas les insertions soumises a des regles communes sont reliees.

#### Patent and Priority Information (Country, Number, Date):

Patent: ... 19991223

#### Fulltext Availability:

Detailed Description

Publication Year: 1999

#### Detailed Description

... reside in queues. The Queue field may be modified by the user who has the **content** of a component **locked**, or via the user interface by an authorized user without first **locking** the **content**. It will not be possible for **one user** to modify the Queue field of a component if the **content** is **locked** by another user (or by the same user at a different workstation). The Queue field...

38/5,K/9 (Item 5 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00473000 \*\*Image available\*\*  
**ARBITRATING CONCURRENT ACCESS TO FILE SYSTEM OBJECTS**  
**ACCES CONCURRENT D'ARBITRAGE A DES OBJETS DU SYSTEME DE FICHIERS**  
Patent Applicant/Assignee:  
APPLE COMPUTER INC,

Inventor(s):

MCCLAUGHRY Patrick,  
MCFARLAND Max,  
MCINERNEY Peter,  
LOOFBURROW Wayne,  
WALKOWSKI Daniel,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9904352 A1 19990128  
Application: WO 98US14188 19980713 (PCT/WO US9814188)  
Priority Application: US 97897696 19970721

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

CA JP AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

Main International Patent Class: G06F-017/30

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 7504

English Abstract

A locking scheme is provided to arbitrate thread access to file system objects. This locking scheme allows multiple threads simultaneous access to file system objects for certain concurrently compatible operations while forbidding concurrently incompatible operations. Separate types of locks are provided for hierarchical relationships between objects and the contents (e.g. data) of the objects themselves (see the figure). )

French Abstract

L'invention concerne un schema de verrouillage destine a arbitrer un acces d'unité d'execution a des objets du systeme de fichiers. Ce schema de verrouillage permet un acces simultane de plusieurs unites d'execution a des objets du systeme de fichiers pour certaines operations compatibles de maniere concurrente tout en empêchant les operations incompatibles de maniere concurrente. Des types differents de verrous permettent d'établir des relations hierarchiques entre des objets et le contenu (par exemple des donnees) des objets eux-memes (voir le dessin).

Patent and Priority Information (Country, Number, Date):

Patent: ... 19990128

Fulltext Availability:

Claims

Publication Year: 1999

Claim

... of:  
creating locks associated with file system object accesses by threads associated with at least one of user manipulation of file system objects and application manipulation of file system objects; and arbitrating concurrent access to said file system objects using said locks . - 23

?

40/5,K/4 (Item 4 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
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00666355

STORAGE MANAGER FOR COMPUTER SYSTEM AND METHOD THEREFOR  
SPEICHERVERWALTER FÜR EIN RECHNERSYSTEM UND VERFAHREN HIERFÜR  
UNITE DE GESTION DE MEMOIRE DESTINEE A UN SYSTEME INFORMATIQUE ET METHODE  
CORRESPONDANTE

PATENT ASSIGNEE:

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HARRIS, Jed, 978 Cragmont Avenue, Berkeley, CA 94708, (US)

LEGAL REPRESENTATIVE:

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PATENT (CC, No, Kind, Date): EP 698243 A1 960228 (Basic)  
EP 698243 B1 990728  
WO 9427232 941124

APPLICATION (CC, No, Date): EP 94916764 940512; WO 94US5346 940512

PRIORITY (CC, No, Date): US 60809 930512

DESIGNATED STATES: DE; FR; GB; IT

INTERNATIONAL PATENT CLASS: G06F-017/30;

NOTE:

No A-document published by EPO

LEGAL STATUS (Type, Pub Date, Kind, Text):

Oppn None: 000712 B1 No opposition filed: 20000429  
Application: 950222 A International application (Art. 158(1))  
Application: 960228 A1 Published application (A1with Search Report  
;A2without Search Report)  
Examination: 960228 A1 Date of filing of request for examination:  
951212  
Examination: 960522 A1 Date of despatch of first examination report:  
960411  
Change: 980909 A1 International patent classification (change)  
Change: 980909 A1 Title of invention (German) (change)  
Change: 980909 A1 Title of invention (English) (change)  
Change: 980909 A1 Title of invention (French) (change)  
Change: 980923 A1 International patent classification (change)  
Change: 980923 A1 Title of invention (German) (change)  
Change: 980923 A1 Title of invention (English) (change)  
Change: 980923 A1 Title of invention (French) (change)  
Grant: 990728 B1 Granted patent

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	9930	3818
CLAIMS B	(German)	9930	3279
CLAIMS B	(French)	9930	4446
SPEC B	(English)	9930	28834
Total word count - document A			0
Total word count - document B			40377
Total word count - documents A + B			40377

...SPECIFICATION level or, in sophisticated database programs for example,  
at a record level. That is, for file level locking , only one user  
may have the file open at a time for writing. This is the typical manner

...

40/5,K/12 (Item 5 from file: 349)  
DIALOG(R) File 349:PCT FULLTEXT  
(c) 2005 WIPO/Univentio. All rts. reserv.

00876870 \*\*Image available\*\*  
STRATEGIC MARKETING PLANNING PROCESSES, MARKETING EFFECTIVENESS TOOLS AND  
SYSTEMS, AND MARKETING INVESTMENT MANAGEMENT  
PROCEDES DE PLANIFICATION STRATEGIQUE DE MARKETING, OUTILS ET SYSTEMES  
EFFICACES DE MARKETING, ET GESTION D'INVESTISSEMENTS MARKETING

Patent Applicant/Assignee:

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Patent Applicant/Inventor:

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Legal Representative:

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1100 Peachtree Street, Atlanta, GA 30309, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200211037 A1 20020207 (WO 0211037)

Application: WO 2001US23982 20010731 (PCT/WO US0123982)

Priority Application: US 2000222375 20000731; US 2000257426 20001221; US  
2001266963 20010206; US 2001280045 20010330; US 2001287714 20010501

Designated States:

(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ  
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR  
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL  
TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-017/60

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims  
Fulltext Word Count: 13490

English Abstract

Planning tools (10) guide marketing professionals (5) through steps of performing a situation assessment, identifying opportunities, developing growth strategies, developing growth tactics, and developing measurements. The planning tools provide disciplined processes in a question and answer format. The tools are personalized to the answers given by marketing professionals and new tools or modified tools can be easily implemented. These tools can be provided in a stand-alone manner, as part of a network, and as part of a collaborative environment. The planning tools preferably form part of an entire marketing investment manager which includes a marketing management solution, digital asset management, and hooks to existing systems, such as customer relationship management, finance, manufacturing, and information technology (30). The marketing management solution adopts best practices and includes collaboration, project management, campaign management, and analytics, and measurement units.

French Abstract

L'invention concerne des outils de planification (10) destines a guider des professionnels du marketing (5) a travers les etapes d'evaluation d'une situation, d'identification d'opportunites, de mise au point de strategies de croissance, de mise au point de tactiques de croissance et de mesures de developpement. Ces outils de planification constituent des processus methodiques, sous format de questions et reponses, et ils repondent de maniere personnalisee aux questions formulees par des professionnels du marketing, des outils nouveaux ou modifies pouvant etre facilement mis en oeuvre. Ces outils peuvent etre fournis de maniere autonome, en tant que partie d'un reseau, ou en tant que partie d'un environnement concerte, et ils font preferablement partie d'un gestionnaire complet d'investissement marketing, lequel comprend une solution de gestion marketing et une gestion numerique d'actifs et se raccroche a des systemes existants, tels que la gestion des relations clients, la finance, la fabrication, et la technologie d'information (30). Cette solution de gestion marketing adopte les meilleures pratiques et comprend la collaboration, la gestion de projets et de campagnes, ainsi que l'analytique, et des unites de mesure.

Legal Status (Type, Date, Text)

Publication 20020207 A1 With international search report.

Publication 20020207 A1 Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.

Examination 20021031 Request for preliminary examination prior to end of 19th month from priority date

Fulltext Availability:

Detailed Description

Detailed Description

... file, go to the last screen edited, and begin permissions. According to one aspect, only one user at a time can have access to a particular file and a lock icon shows the lock status of a file . When a file is in use by another user, the look icon next to that...

00863351 \*\*Image available\*\*

**DISTRIBUTED, COLLABORATIVE WORKFLOW MANAGEMENT SOFTWARE  
LOGICIEL DE GESTION DE FLUX DES TRAVAUX DISTRIBUE, COLLABORATIF**

**Patent Applicant/Assignee:**

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CROOKS William H, 7301 Topanga Canyon Blvd., Suite 300, Canoga Park, CA 91303, US, US (Residence), US (Nationality), (Designated only for: US)

**Legal Representative:**

RAHN LeRoy T (agent), Christie, Parker & Hale, P.O. Box 7068, Pasadena, CA 91109-7068, US,

**Patent and Priority Information (Country, Number, Date):**

Patent: WO 200196906 A1 20011220 (WO 0196906)

Application: WO 2001US19532 20010618 (PCT/WO US0119532)

Priority Application: US 2000211915 20000616; US 2000228051 20000825; US 2001271528 20010226; US 2001271531 20010226; US 2001271532 20010226

**Designated States:**

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G01V-001/40

International Patent Class: G01B-007/14; H04Q-007/22

Publication Language: English

Filing Language: English

**Fulltext Availability:**

Detailed Description

Claims

Fulltext Word Count: 16877

**English Abstract**

A system(11) architecture, and method for creating, storing, managing, accessing, communicating and displaying command, control and management information, to include text documents, tables, static map data and geographically reference dynamic data for the management of incidents or events by distributed, ad-hoc groups are described herein. The static map data may include, for example, cartographic data in digital format such as terrain data or street data. The dynamic data may include text, documents, tables, icons, and other symbology that graphically represent current status information (e.g., the current location of an incident, a resource, or the status of a facility). The system (11) includes one or more client subsystems (16, 17, 18, 19) running purpose-built and/or conventional software applications that communicate with a server subsystem (11) and can independently request, receive, store, and subsequently display the static map data and/or the dynamic data in document, tabular or graphical form. The display might include

representing the dynamic data in graphical form either separately as tables and reports, or as an overlay on the static map data.

French Abstract

L'invention porte sur un systeme (11), une architecture, et sur un procede de creation, stockage, gestion, acces, communication et affichage d'informations de commande, controle et gestion visant a inclure des textes, des documents, des tableaux, des donnees cartographiques statiques et des donnees dynamiques de references geographiques pour la gestion d'incidents ou d'evenements par des groupes ponctuels, distribues. Les donnees cartographiques statiques peuvent inclure, par exemple, des donnees cartographiques sous format numerique telles que des donnees de terrain ou de rue. Les donnees dynamiques peuvent comprendre des textes, des documents, des tableaux, des icones et autre symbologie qui representent graphiquement des informations d'état courantes (par ex., endroit courant d'un incident, d'une ressource ou l'état d'un equipement). Le systeme (11) comprend un ou plusieurs sous-systemes clients (16, 17, 18, 19) executant des applications logicielles specialisees et/ou classiques qui communiquent avec un sous-système serveur (11) et peuvent independamment demander, recevoir, stocker et ensuite afficher les donnees cartographiques statiques et/ou les donnees dynamiques sous forme de document, de tableau ou de graphique. L'affichage peut eventuellement representer les donnees dynamiques sous forme graphique soit separement, sous forme de tableaux et d'etats, soit sous forme d'un segment de recouvrement sur les donnees cartographiques statiques.

Legal Status (Type, Date, Text)

Publication 20011220 A1 With international search report.

Examination 20021121 Request for preliminary examination prior to end of 19th month from priority date

Fulltext Availability:

Detailed Description

Detailed Description

... name and incident number are used, respect'ively, as the lock's key. Together, the **document lock** key pair act to ensure that only a single user may edit the **locked document** at any given time.

Figure 10 is an overview of one possible embodiment of the **document locking** process. A user first takes an action in step 13 0 that initiates the document...

40/5,K/14 (Item 7 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00774558 \*\*Image available\*\*  
COMPUTER SOFTWARE FOR ISSUING ONE-TIME COMBINATIONS TO ELECTRONIC LOCKS WITH LOCK GROUP CONTROL  
LOGICIEL INFORMATIQUE PERMETTANT DE PRODUIRE DES COMBINAISONS UTILISEES UNE SEULE FOIS POUR DES VERROUILLAGES ELECTRONIQUES A COMMANDE DE GROUPES DE VERROUILLAGE

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200108107 A1 20010201 (WO 0108107)

Application: WO 2000US16338 20000721 (PCT/WO US0016338)

Priority Application: US 99145053 19990722

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE  
ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT  
LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM  
TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G07C-009/00

International Patent Class: E05B-049/00

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 14365

#### English Abstract

A computer program or a system designed to allow an authorized operator, typically a supervisor, to control which lock or group of locks that a particular individual or individuals are permitted to open. Typically, this lock control enables higher levels of security and control over the access to locks and/or issuance of combinations for electronic locks.

#### French Abstract

L'invention concerne un programme ou un systeme informatique permettant a un operateur autorise, typiquement un superviseur, de commander le verrouillage ou le groupe de verrouillages qu'au moins un individu est autorise a ouvrir. Cette commande de verrouillage permet d'obtenir, typiquement, des niveaux de securite plus eleves, et permet de commander l'accès aux verrouillages et/ou aux combinaisons des verrouillages electroniques.

#### Legal Status (Type, Date, Text)

Publication 20010201 A1 With international search report.

Publication 20010201 A1 Before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments.

#### Fulltext Availability:

Detailed Description

Detailed Description

... also check to see if the lock file is busy in decision block 1254.

The lock file is busy if another operator in the network is using the lock file and to prevent corruption only one user at a time may access a particular lock file .

If a particular lock file is busy, a lock file busy message may be set up in block

1256 with the program logic thereafter continuing...

40/5,K/16 (Item 9 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00747896

MULTISERVER FOR PROVIDING INTEGRATED COMPUTER SERVICES  
MULTISERVEUR FOURNISANT DES SERVICES INFORMATIQUES INTEGRES

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200060451 A2 20001012 (WO 0060451)  
Application: WO 2000CA348 20000331 (PCT/WO CA0000348)  
Priority Application: US 99127609 19990401

Designated States:

(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES  
FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU  
LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT  
TZ UA UG US UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-009/00

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 32205

English Abstract

A multiserver for providing file sharing service, print services, fax  
services and internet hosting services is disclosed. The various services  
are implemented using publicly available software packages, the  
configuration of which has been integrated by means of a unified  
configuration management interface. The configuration management  
interface automatically configures the underlying packages in response to  
information entered by an administrator. The underlying software packages  
may be changed without changing the appearance of the configuration  
management interface, allowing the system to be upgraded without  
requiring the administrator to learn how to configure the new packages.

French Abstract

L'invention concerne un multiserveur pouvant fournir des services de partage de fichiers, des services d'impression, des services de telecopie et des services d'hebergement de contenu sur Internet. Ces differents services sont fournis au moyen de progiciels accessibles au public, dont la configuration est integree par une interface unifiee de gestion de la configuration. Cette interface de gestion de la configuration configure automatiquement les progiciels sous-jacents en reponse a une information entree par un administrateur. Les progiciels sous-jacents peuvent etre changes sans que la presentation de l'interface de gestion de la configuration en soit modifiee, ce qui permet a l'administrateur de faire evoluer le systeme sans devoir apprendre a configurer les nouveaux progiciels.

Legal Status (Type, Date, Text)

Publication 20001012 A2 Without international search report and to be republished upon receipt of that report.  
Examination 20001214 Request for preliminary examination prior to end of 19th month from priority date  
Search Rpt 20010222 Late publication of international search report

Fulltext Availability:

Detailed Description

Detailed Description

... that the contents of the CD-ROM are compatible with Windows workstation.

Second, more than **one** LAN **user** is able to simultaneously access the CD-ROM.

A well-known aspect of unix based file systems is that a **file** is not **locked** simply because **one user** is accessing the file. It is inherent in unix that a copy of a file...

40/5,K/18 (Item 11 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2005 WIPO/Univentio. All rts. reserv.

00300850 \*\*Image available\*\*  
UPDATE MECHANISM FOR COMPUTER STORAGE CONTAINER MANAGER  
MOYEN DE MISE A JOUR POUR MODULE DE GESTION D'ELEMENTS DE STOCKAGE  
D'ORDINATEURS

Patent Applicant/Assignee:

APPLE COMPUTER INC,

Inventor(s):

HARRIS Jared M,  
RUBEN Ira L,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9519001 A1 19950713

Application: WO 95US196 19950104 (PCT/WO US9500196)

Priority Application: US 94177853 19940105

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AM AT AU BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU JP KE KG KP KR  
KZ LK LR LT LU LV MD MG MN MW MX NL NO NZ PL PT RO RU SD SE SI SK TJ TT  
UA UZ VN KE MW SD SZ AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE BF  
BJ CF CG CI CM GA GN ML MR NE SN TD TG

Main International Patent Class: G06F-009/44

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 119635

#### English Abstract

Methods and data structures are defined which permit information to be stored as objects in target containers and update containers. A target container defines a first state of the information, and the update container, which can point to the target container, identifies changes to the information in the first state which would be sufficient to update the first information state to a second information state. Update containers may be nested to any depth. When an application program opens an update container, the procedure searches down the chain until it finds the ultimate target container. It then creates in-memory structures for providing access to the objects and value data represented in such container. The procedure then works its way back up the chain, performing the changes on the in-memory structure, which are called for in each of the update containers.

#### French Abstract

L'invention se rapporte a des structures de donnees et a des procedes permettant de stocker des informations sous forme d'objets dans des elements de stockage cibles et dans des elements de stockage de mise a jour. Un element de stockage cible definit un premier etat relatif aux informations, et l'element de stockage de mise a jour, qui peut identifier l'element de stockage cible, identifie des modifications des informations presentant le premier etat, qui devraient permettre la mise a jour dudit premier etat en un second etat. Les elements de stockage de mise a jour peuvent s'emboiter indefiniment. Lorsqu'un programme d'application ouvre un element de stockage de mise a jour, la procedure appliquee consiste a effectuer une recherche le long de la chaine jusqu'a ce que l'element de stockage cible au bout de la chaine soit identifie. Des structures en memoire sont alors creees afin de permettre l'accès aux objets et aux donnees de valeur representees dans un tel element de stockage. La procedure consiste alors a remonter la chaine, et a effectuer, dans la structure en memoire, les modifications requises dans chacun des elements de stockage de mise a jour.

Fulltext Availability:

Detailed Description

Detailed Description

... level or, in sophisticated database programs for example, at a record level, That is, for **file .level locking** , only **one user** may have the file open at a time for writing.

This is the typical manner...

40/5,K/19 (Item 12 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00171378

OBJECT-ORIENTED, LOGIC, AND DATABASE PROGRAMMING TOOL  
OUTIL DE PROGRAMMATION D'EXECUTION, LOGIQUE ET D'UNE BASE DE DONNEES

Patent Applicant/Assignee:

EASTMAN KODAK COMPANY,

Inventor(s):

MELLENDER Fredric H,  
STRAW Andrew G,  
RIEGEL Stephen E,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9004829 A2 19900503  
Application: WO 89US4687 19891023 (PCT/WO US8904687)  
Priority Application: US 88791 19881024

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AT BE CH DE FR GB IT JP LU NL SE  
Main International Patent Class: G06F-009/44

International Patent Class: G06F-15:40

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 40470

English Abstract

A programming tool is provided which integrates an object-oriented programming language system, a logic programming language system, and a database in such a manner that logic terms can be treated as objects in the object-oriented programming language system, objects can be treated as logic terms in the logic programming language system, and logic terms and objects are stored in the database in a common data structure format. Automatic management of the database is provided which is transparent to the user.

French Abstract

L'outil de programmation integre un systeme de langage de programmation d'execution, un systeme de langage de programmation logique et une base de donnees, de maniere que les termes logiques puissent etre traites en tant qu'objets dans le systeme de langage de programmation d'execution, que les objets puissent etre traites en tant que termes logiques dans le systeme de langage de programmation logique, et que les termes logiques et les objets soient stockes dans la base de donnees dans un format de structure de donnees commun. La gestion automatique de la base de donnees est transparente pour l'utilisateur.

Fulltext Availability:

Detailed Description

Detailed Description

... first call to the access routines will open the Unix files, and put a (UNDO lock on the files, to assure 5 single user access. The lock check can be overridden for read-only access (as in the database...)

2/5,K/1

DIALOG(R)File 348:EUROPEAN PATENTS

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00551414

User selectable lock regions cross-referenced to related applications.  
Cross-Reference zu verwandten Anwendungen fur vom Benutzer auswahlbaren  
Verriegelungsgebiete.  
Reference croisee a des applications interreliees pour des regions de  
verrouillage pouvant etre selectionnees par l'utilisateur.

PATENT ASSIGNEE:

International Business Machines Corporation, (200120), Old Orchard Road,  
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BE;CH;DE;FR;GB;IT;LI;NL;SE)

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LEGAL REPRESENTATIVE:

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PATENT (CC, No, Kind, Date): EP 550374 A2 930707 (Basic)  
EP 550374 A3 930818

APPLICATION (CC, No, Date): EP 92480188 921210;

PRIORITY (CC, No, Date): US 816459 911231

DESIGNATED STATES: BE; CH; DE; FR; GB; IT; LI; NL; SE

INTERNATIONAL PATENT CLASS: G06F-009/46; G06F-015/21; G06F-003/023;

CITED REFERENCES (EP A):

COMMUNICATIONS OF THE ASSOCIATION FOR COMPUTING MACHINERY. vol. 34, no.  
1, January 1991, NEW YORK US pages 38 - 58 , XP207752 C.Y. ELLIS ET AL.

'GroupWare, some issues and experiences'

ACM TRANSACTIONS ON OFFICE INFORMATION SYSTEMS vol. 5, no. 2, April 1987,  
NEW YORK, USA pages 147 - 167 M. STEFIK ET AL. 'WYSIWIS revised: early  
experiences with multiuser interfaces'

PROC. 3RD INT. CONF. ON DATA ENGINEERING 1987, IEEE WASHINGTON, DC, USA  
pages 226 - 234 ARAL EGE ET AL. 'design and implementation of GORDION,  
an object base management system';

ABSTRACT EP 550374 A2

The invention relates to the selective protection of blocks of text (118, 122, 128) or other portions (123, 125, 126, 127) of a shared data object in collaborative computer based system from simultaneous manipulation by two or more users. The collaborative computer based system includes a network connecting a plurality of terminals for communication. Each terminal includes an output display device and a user input device. The collaborative computer based system includes a shared data object (117) simultaneously accessible by a plurality of users of the system. Responsive to a user obtaining access to the shared data object, the user is assigned a cursor (138) available for display on the visual display devices of all current users. A user may attempt to protect portions of the shared data object with a lock region (136) by selecting position coordinates for such a lock region. If the position coordinates do not include any portion of any previously established lock region, a lock region is established, blocking manipulation of the portion of the shared data object so covered against changes associated with cursors other than that of the establishing user. Exercise of appropriate commands release any prior lock region associated with the user. (see image in original document)

ABSTRACT WORD COUNT: 207

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 930707 A2 Published application (A1with Search Report ;A2without Search Report)  
Search Report: 930818 A3 Separate publication of the European or International search report  
Change: 930818 A2 Obligatory supplementary classification (change)  
Examination: 931222 A2 Date of filing of request for examination: 931021  
Examination: 971029 A2 Date of despatch of first examination report: 970917  
Refusal: 990210 A2 Date on which the European patent application was refused: 980926

LANGUAGE (Publication,Procedural,Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPABF1	705
SPEC A	(English)	EPABF1	10375
Total word count - document A			11080
Total word count - document B			0
Total word count - documents A + B			11080

...CLAIMS user input devices.

7. A multi-media collaborative computer based system for protecting user selected lock regions in a shared data object from manipulation originating from more than one user as set forth in Claim 5, further comprising:  
means for changing a visual attribute of...

...the lock region.

8. A multi-media collaborative computer based system for protecting user selected lock regions in a shared data object from manipulation originating from more than one user as set forth in Claim 6, further comprising:  
first means for determining whether a current...

2/5,K/2

DIALOG(R) File 348:EUROPEAN PATENTS  
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00300111

A file sharing system having locking protocol.

System zur gemeinsamen Dateibenutzung mit Verriegelungsprotokoll.

Systeme d'utilisation collective de fichiers ayant un protocole de verrouillage.

PATENT ASSIGNEE:

International Business Machines Corporation, (200120), Old Orchard Road, Armonk, N.Y. 10504, (US), (applicant designated states: DE;FR;GB;IT)

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Chan, Tom Ka-Moon, 40 Wickstead Way, Thornhill Ontario L3T5E4, (CA)

LEGAL REPRESENTATIVE:

Jost, Ottokarl, Dipl.-Ing. (6092), IBM Deutschland Informationssysteme GmbH, Patentwesen und Urheberrecht, D-70548 Stuttgart, (DE)

PATENT (CC, No, Kind, Date): EP 312866 A2 890426 (Basic)  
EP 312866 A3 900613

APPLICATION (CC, No, Date): EP 88116741 881010;

PRIORITY (CC, No, Date): US 110362 871019

DESIGNATED STATES: DE; FR; GB; IT

INTERNATIONAL PATENT CLASS: G06F-009/46; G06F-012/14;

CITED PATENTS (EP A): EP 10190 A; EP 94841 A; US 4104718 A

CITED REFERENCES (EP A):

COMPUTER DESIGN

idem

PROCEEDINGS OF THE 1st INTERNATIONAL CONFERENCE ON COMPUTER WORKSTATIONS;

ABSTRACT EP 312866 A2

A multi-user system for managing a database, and comprising a file access processor (12) and a plurality of application support processors (14). The file access processor (12) is provided to access the database (16), and the support processors (14) are connected to the file access processor (12) to read and update data objects in the database (16). The file access processor (12) includes a locking system to lock data objects for selected support processors (14) to limit access to locked data objects by the other support processors (14). This locking system includes an implicit locking subsystem to place implicit locks on data objects automatically in response to receiving processing requests from the support processors (14), and an explicit locking subsystem to place explicit locks on data objects in response to receiving explicit locking requests from the support processors (14). The explicit locks are integrated into the locking scheme in a manner minimizing lock conflicts.

ABSTRACT WORD COUNT: 158

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 890426 A2 Published application (A1with Search Report  
;A2without Search Report)

Examination: 891004 A2 Date of filing of request for examination:  
890809

Search Report: 900613 A3 Separate publication of the European or  
International search report

Examination: 930127 A2 Date of despatch of first examination report:  
921210

Change: 930331 A2 Representative (change)

Change: 930512 A2 Representative (change)

Change: 940817 A2 Representative (change)

Lapse: 951011 B1 Date of lapse of the European patent in a  
Contracting State: FR 950602

Oppn None: 951227 B1 No opposition filed

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPBBF2	1408
CLAIMS B	(English)	EPBBF2	623
CLAIMS B	(German)	EPBBF2	577
CLAIMS B	(French)	EPBBF2	709
SPEC A	(English)	EPBBF2	5050
SPEC B	(English)	EPBBF2	5049
Total word count - document A			6458
Total word count - document B			6958
Total word count - documents A + B			13416

...SPECIFICATION Also, the explicit share mode is compatible with the implicit share mode, which means that one user may be able to lock a given data object in the implicit share mode even though that same data object is currently locked in...

...SPECIFICATION Also, the explicit share mode is compatible with the implicit share mode, which means that one user may be able to lock a given data object in the implicit share mode even though that same data object is currently locked in...

File 347:JAPIO Nov 1976-2005/Feb(Updated 050606)  
(c) 2005 JPO & JAPIO  
File 350:Derwent WPIX 1963-2005/UD,UM &UP=200538  
(c) 2005 Thomson Derwent  
File 348:EUROPEAN PATENTS 1978-2005/Jun W02  
(c) 2005 European Patent Office  
File 349:PCT FULLTEXT 1979-2005/UB=20050616,UT=20050609  
(c) 2005 WIPO/Univentio  
File 324:German Patents Fulltext 1967-200524  
(c) 2005 Univentio

Set	Items	Description
S1	85	AU=MEYERS S?
S2	12417	ACCESS?(3N)OBJECT? ?
S3	2	S1 AND S2

3/9/1 (Item 1 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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014595335 \*\*Image available\*\*

WPI Acc No: 2002-416039/200244

XRPX Acc No: N02-327341

Digital information delivery method e.g. for music, involves creating registry for digital object and access device and transmitting digital information from digital object to access device

Patent Assignee: NOKIA CORP (OYNO )

Inventor: MEYERS S

Number of Countries: 022 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200223311	A2	20020321	WO 2001FI795	A	20010912	200244 B
EP 1325398	A2	20030709	EP 2001967381	A	20010912	200345
			WO 2001FI795	A	20010912	

Priority Applications (No Type Date): US 2000662378 A 20000912

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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WO 200223311 A2 E 21 G06F-001/00

Designated States (National): CN JP

Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

EP 1325398 A2 E G06F-001/00 Based on patent WO 200223311

Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

Abstract (Basic): WO 200223311 A2

NOVELTY - A digital object (180) containing the digital information and access device (120) receiving the digital object, are registered. The digital information is transmitted to the access device which is granted with permission to access the digital object and the access to any other access device is rejected.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for digital information delivery system.

USE - For delivery of digital multimedia information such as content, music, music video, electronic books, periodicals, computer or video games, technical journals, videos, movies, information in database, digital and MP3 files, DVD's of DVD player, CD in CD player, cassettes played in VTR, through internet, LAN, blue tooth, mobile terminal network, extranet or other networks.

ADVANTAGE - With the rights to play a new song with a video, the

user may use the same rights for mobile personal music player, home theater system, car stereo, etc., thus smaller and less expensive physical objects can be used and manufacturing, delivery and security costs are reduced.

DESCRIPTION OF DRAWING(S) - The figure shows the digital information distribution system.

Access device (120)

Digital object (180)

pp; 21 DwgNo 1/1

Title Terms: DIGITAL; INFORMATION; DELIVER; METHOD; MUSIC; REGISTER; DIGITAL; OBJECT; ACCESS; DEVICE; TRANSMIT; DIGITAL; INFORMATION; DIGITAL; OBJECT; ACCESS; DEVICE

Derwent Class: T01

International Patent Class (Main): G06F-001/00

File Segment: EPI

Manual Codes (EPI/S-X): T01-N01D1A; T01-N01D1B

3/5/2 (Item 1 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00889179 \*\*Image available\*\*

METHOD AND SYSTEM FOR MANAGING RIGHTS IN DIGITAL INFORMATION OVER A NETWORK  
PROCEDE ET DISPOSITIF DE GESTION DE DROITS EN INFORMATION NUMERIQUE SUR UN  
RESEAU

Patent Applicant/Assignee:

NOKIA CORPORATION, Keilalahdentie 4, FIN-02150 Espoo, FI, FI (Residence),  
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Inventor(s):

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JOHANSSON Folke (agent), Nokia Corporation, P.O. Box 206, FIN-00045 Nokia  
Group, FI,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200223311 A2-A3 20020321 (WO 0223311)

Application: WO 2001FI795 20010912 (PCT/WO FI0100795)

Priority Application: US 2000662378 20000912

Designated States:

(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

CN JP

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

Main International Patent Class: G06F-001/00

International Patent Class: G11B-020/00

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 4896

English Abstract

A method and system for distributing digital information is disclosed. Preferably, a user acquires a tangible object which contain a code authorizing access to the digital information. The user reads the tangible object through a reader, which sends the code to a server on which the digital information is stored. The server then authorizes access to the digital information to one or more access devices listed in registries belonging to the user. The user may use the digital information on the terms he agrees to, and, while in use by the user, access to the digital information to other users or other playback

devices is disabled. Once the user no longer is using the digital information, the access device erases the digital information, and signals the server that the digital information is no longer in use, thereby re-enabling access to the digital information by the other playback devices listed in the registry.

**French Abstract**

L'invention concerne un procede et un dispositif concus pour distribuer de l'information numerique. De preference, un utilisateur acquiert un objet tangible qui contient un code autorisant l'accès a l'information numerique. L'utilisateur lit l'objet tangible au moyen d'un lecteur, qui envoie le code a un serveur dans lequel l'information numerique est stockee. Le serveur autorise ensuite l'accès a l'information numerique a un ou plusieurs dispositifs d'accès repertories dans des bases de registre appartenant a l'utilisateur. L'utilisateur peut utiliser l'information numerique selon les conditions qu'il accepte, et, pendant qu'elle est utilisee par l'utilisateur, l'accès a l'information numerique est indisponible pour d'autres utilisateurs ou d'autres dispositifs de lecture. Une fois que l'utilisateur a termine d'utiliser l'information numerique, le dispositif d'accès efface l'information numerique, et signale au serveur que l'information numerique n'est plus utilisee, rendant ainsi a nouveau disponible l'accès a l'information numerique par les autres dispositifs de lecture repertories dans la base de registre.

**Legal Status (Type, Date, Text)**

Publication 20020321 A2 Without international search report and to be republished upon receipt of that report.  
Examination 20020725 Request for preliminary examination prior to end of 19th month from priority date  
Search Rpt 20020912 Late publication of international search report  
Republication 20020912 A3 With international search report.  
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